

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139523.D
 Acq On : 24 Sep 2024 16:38
 Operator : RC/JU
 Sample : P4149-15MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8MS

Quant Time: Sep 24 17:11:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53005	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	205911	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	115972	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	223568	20.000	ng	0.00
76) Chrysene-d12	14.039	240	124871	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	127847	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	254464	78.317	ng	0.00
7) Phenol-d6	6.504	99	350160	82.106	ng	0.00
23) Nitrobenzene-d5	7.440	82	230698	52.671	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	89172	72.224	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	439262	53.123	ng	0.00
79) Terphenyl-d14	12.980	244	445989	58.624	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	56599	43.419	ng	97
3) Pyridine	3.381	79	142064	49.429	ng	98
4) n-Nitrosodimethylamine	3.334	42	103336	41.482	ng	84
6) Aniline	6.540	93	153485	47.689	ng	99
8) 2-Chlorophenol	6.663	128	161382	48.251	ng	97
9) Benzaldehyde	6.422	77	24219	9.829	ng	99
10) Phenol	6.522	94	218112	50.215	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	155749	47.177	ng	99
12) 1,3-Dichlorobenzene	6.816	146	169119	44.461	ng	98
13) 1,4-Dichlorobenzene	6.893	146	174098	45.293	ng	98
14) 1,2-Dichlorobenzene	7.045	146	164792	45.371	ng	98
15) Benzyl Alcohol	7.016	79	148854	43.748	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	282237	55.473	ng	99
17) 2-Methylphenol	7.128	107	131146	49.353	ng	96
18) Hexachloroethane	7.387	117	63550	43.407	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	121443	48.054	ng	99
20) 3+4-Methylphenols	7.281	107	168231	46.403	ng	# 84
22) Acetophenone	7.281	105	229073	42.554	ng	99
24) Nitrobenzene	7.457	77	187766	41.652	ng	98
25) Isophorone	7.698	82	326419	47.122	ng	99
26) 2-Nitrophenol	7.775	139	84468	48.095	ng	91
27) 2,4-Dimethylphenol	7.810	122	131250m	56.654	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	188253	47.684	ng	97
29) 2,4-Dichlorophenol	8.016	162	138393	47.023	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	142176	41.461	ng	99
31) Naphthalene	8.181	128	481505	44.792	ng	100
32) Benzoic acid	7.892	122	37295	17.202	ng	95
33) 4-Chloroaniline	8.234	127	35693	10.854	ng	99
34) Hexachlorobutadiene	8.298	225	93628	40.188	ng	99
35) Caprolactam	8.587	113	44107m	48.719	ng	
36) 4-Chloro-3-methylphenol	8.716	107	154009	45.788	ng	95
37) 2-Methylnaphthalene	8.869	142	323364	47.392	ng	100
38) 1-Methylnaphthalene	8.969	142	296113	44.204	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	149484	43.492	ng	98
41) Hexachlorocyclopentadiene	9.022	237	142854	119.038	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	99528	44.509	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	106434	45.123	ng	98
46) 1,1'-Biphenyl	9.334	154	399147	44.737	ng	99
47) 2-Chloronaphthalene	9.357	162	297327	44.570	ng	100
48) 2-Nitroaniline	9.457	65	117399	47.314	ng	99
49) Acenaphthylene	9.775	152	498333	49.626	ng	100
50) Dimethylphthalate	9.634	163	355146	46.658	ng	100
51) 2,6-Dinitrotoluene	9.698	165	78365	46.473	ng	92
52) Acenaphthene	9.945	154	335188	47.826	ng	99
53) 3-Nitroaniline	9.869	138	68074	40.395	ng	88
54) 2,4-Dinitrophenol	9.975	184	53268	56.692	ng	# 85
55) Dibenzofuran	10.122	168	457565	46.841	ng	95
56) 4-Nitrophenol	10.028	139	125072	89.695	ng	85
57) 2,4-Dinitrotoluene	10.098	165	110582	48.574	ng	97
58) Fluorene	10.463	166	364769	45.767	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	85725	43.934	ng	96
60) Diethylphthalate	10.334	149	363279	46.248	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	173531	44.800	ng	97
62) 4-Nitroaniline	10.481	138	87608	47.634	ng	88
63) Azobenzene	10.616	77	393418	50.922	ng	92
65) 4,6-Dinitro-2-methylph...	10.510	198	42815	36.285	ng	88
66) n-Nitrosodiphenylamine	10.575	169	312615	47.827	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	102182	46.122	ng	96
68) Hexachlorobenzene	11.010	284	116592	44.840	ng	97
69) Atrazine	11.098	200	98025	62.994	ng	98
70) Pentachlorophenol	11.204	266	104318	66.862	ng	98
71) Phenanthrene	11.422	178	530384	49.172	ng	99
72) Anthracene	11.475	178	528817	50.144	ng	99
73) Carbazole	11.633	167	484577	48.009	ng	99
74) Di-n-butylphthalate	11.957	149	557269	49.562	ng	99
75) Fluoranthene	12.610	202	531746	46.163	ng	98
77) Benzidine	12.733	184	147064	82.203	ng	99
78) Pyrene	12.839	202	520394	48.536	ng	100
80) Butylbenzylphthalate	13.457	149	187425	51.356	ng	99
81) Benzo(a)anthracene	14.027	228	405657	49.043	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	95119	39.268	ng	98
83) Chrysene	14.063	228	367803	48.333	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	236108	50.856	ng	99
85) Di-n-octyl phthalate	14.627	149	388049	56.755	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	274131	36.060	ng	97
88) Benzo(b)fluoranthene	15.080	252	383892	48.688	ng	98
89) Benzo(k)fluoranthene	15.110	252	340723	46.867	ng	99
90) Benzo(a)pyrene	15.445	252	332178	50.798	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	225702	35.929	ng	98
92) Benzo(g,h,i)perylene	17.427	276	190987	30.706	ng	# 97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



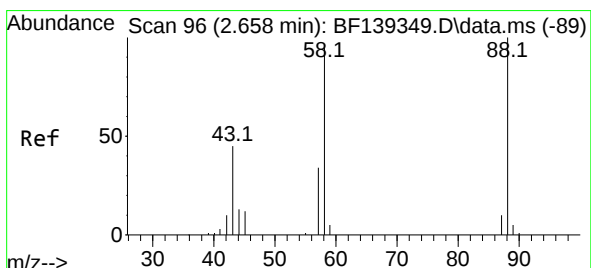
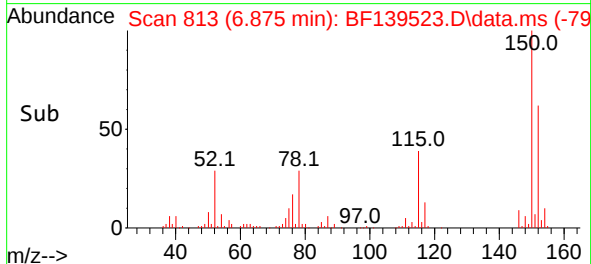
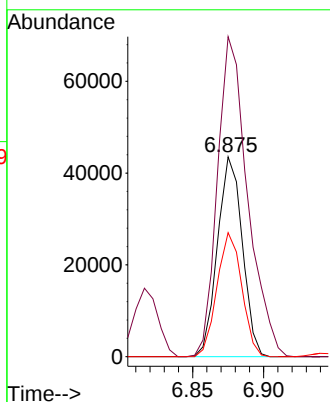
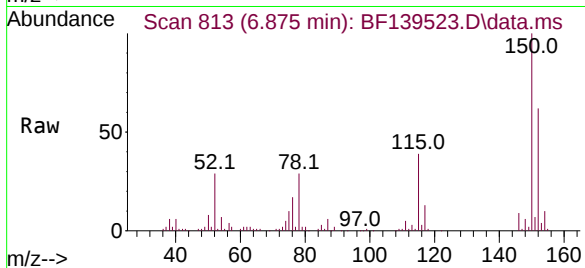
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :
BNA_F
ClientSampleId :
COMP-8MS

Tgt Ion:152 Resp: 5300
Ion Ratio Lower Upper
152 100
150 160.1 124.1 186.1
115 62.0 48.1 72.1

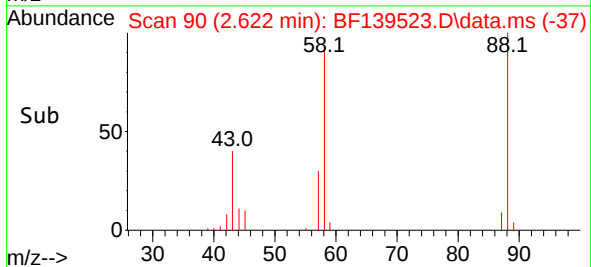
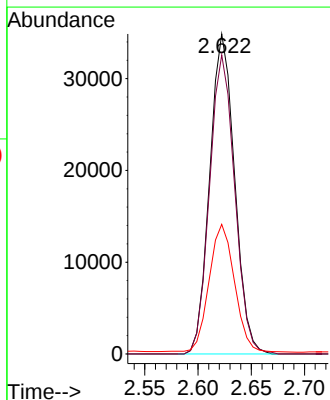
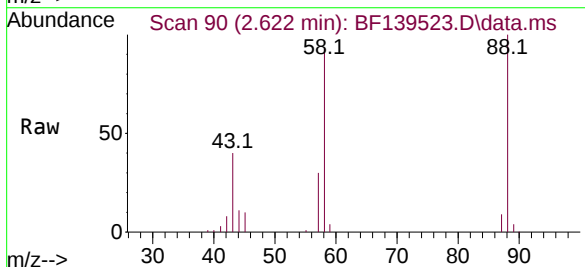
Manual Integrations
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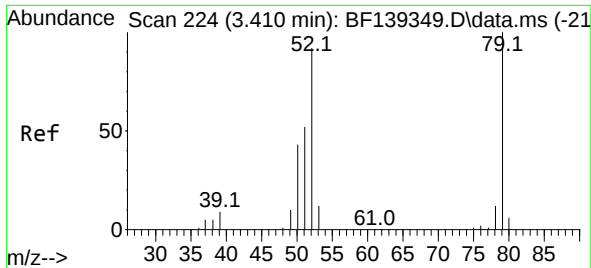
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 43.419 ng
RT: 2.622 min Scan# 90
Delta R.T. -0.035 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion: 88 Resp: 56599
Ion Ratio Lower Upper
88 100
58 94.3 74.8 112.2
43 41.1 36.4 54.6





#3

Pyridine

Concen: 49.429 ng

RT: 3.381 min Scan# 211

Delta R.T. -0.029 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

Tgt Ion: 79 Resp: 142064

Ion Ratio Lower Upper

79 100

52 93.4 73.8 110.8

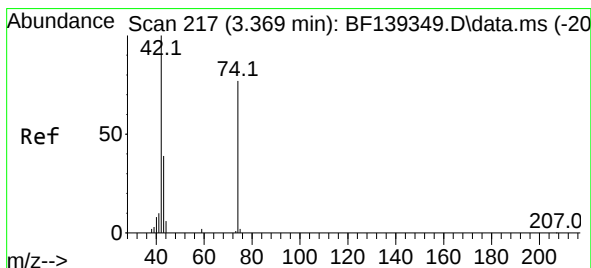
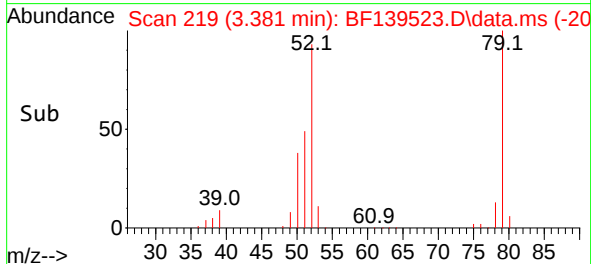
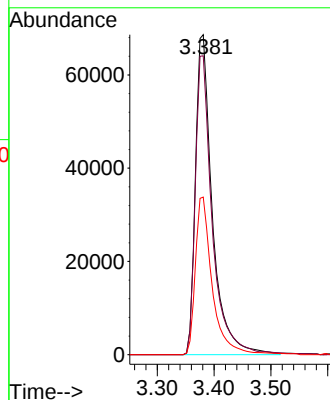
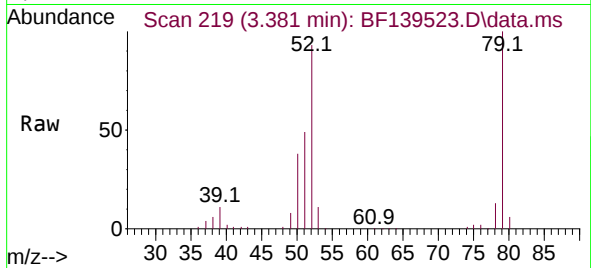
51 49.3 41.8 62.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#4

n-Nitrosodimethylamine

Concen: 41.482 ng

RT: 3.334 min Scan# 211

Delta R.T. -0.035 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

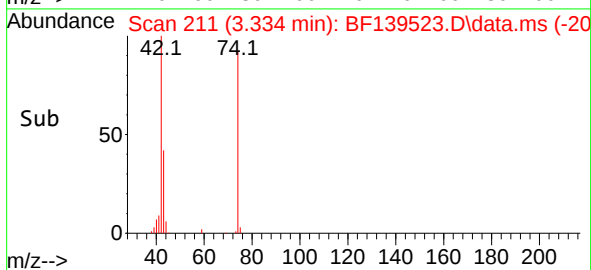
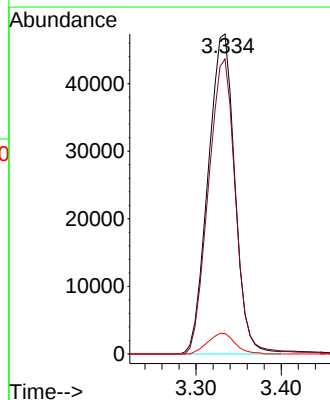
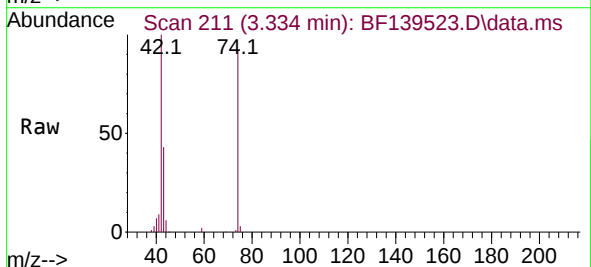
Tgt Ion: 42 Resp: 103336

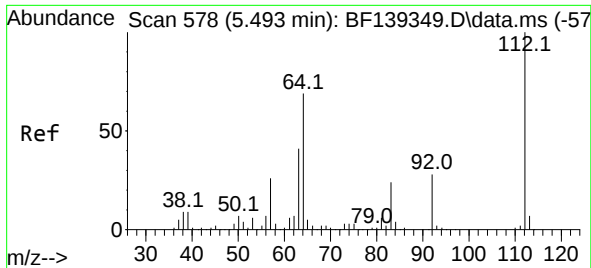
Ion Ratio Lower Upper

42 100

74 92.2 61.8 92.8

44 6.4 4.8 7.2





#5
2-Fluorophenol
Concen: 78.317 ng
RT: 5.493 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

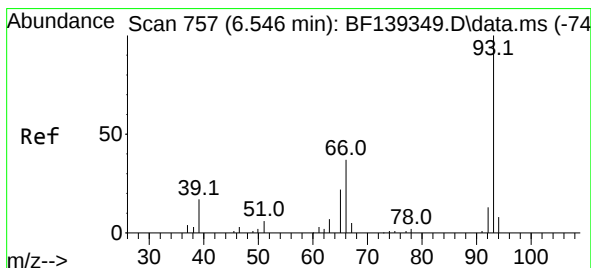
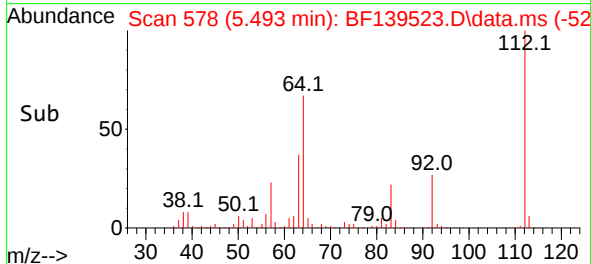
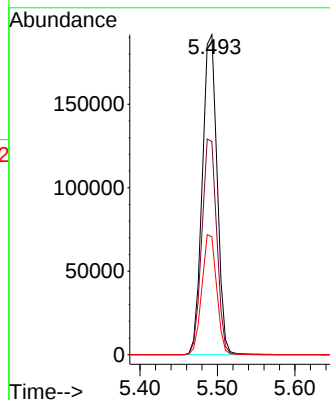
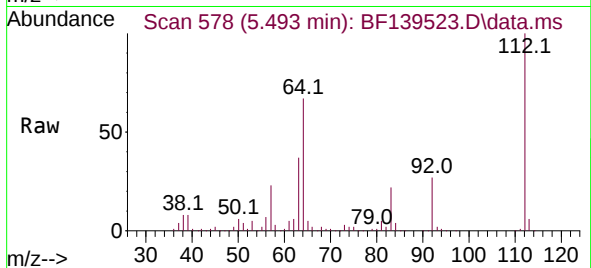
COMP-8MS

Tgt Ion:112 Resp: 254464
Ion Ratio Lower Upper
112 100
64 66.6 54.8 82.2
63 36.8 33.0 49.4

Manual Integrations

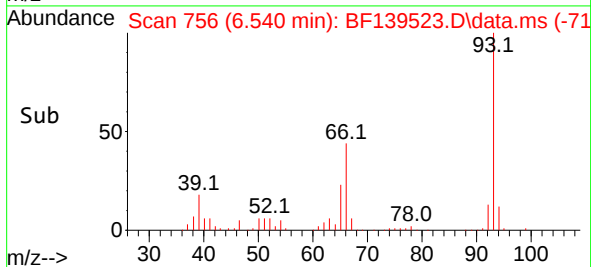
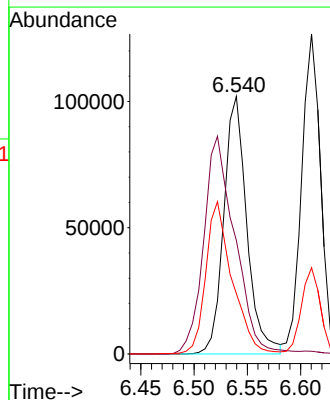
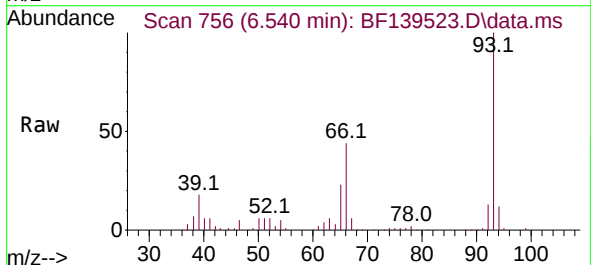
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Supervised By :mohammad ahmed 09/25/2024



#6
Aniline
Concen: 47.689 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

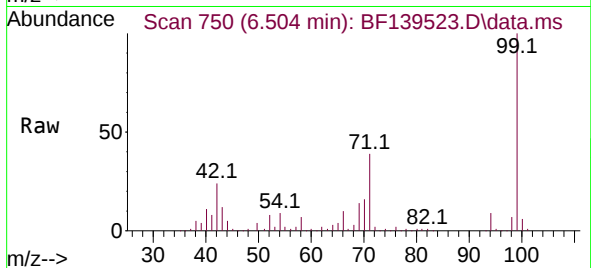
Tgt Ion: 93 Resp: 153485
Ion Ratio Lower Upper
93 100
66 44.1 35.4 53.0
65 23.4 18.2 27.4





#7
Phenol-d6
Concen: 82.106 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

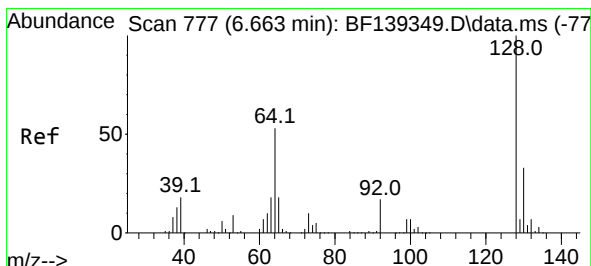
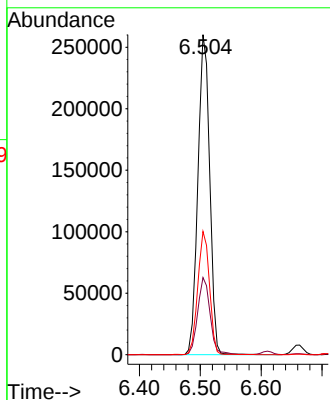
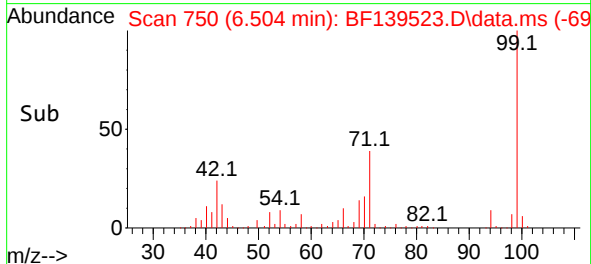
Instrument :
BNA_F
ClientSampleId :
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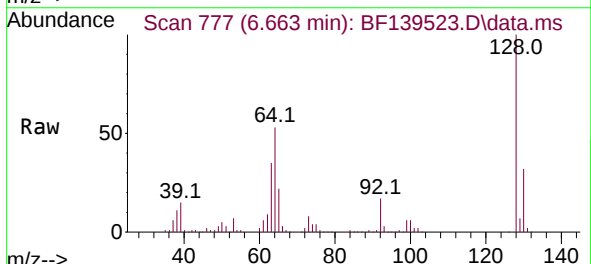
Tgt Ion: 99 Resp: 350160
Ion Ratio Lower Upper
99 100
42 24.1 21.9 32.9
71 38.5 34.6 52.0

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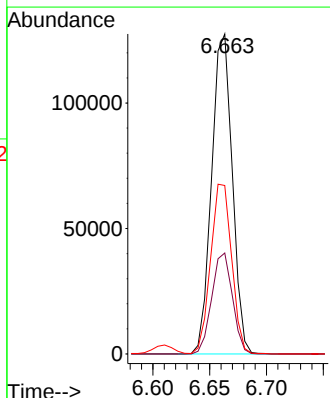
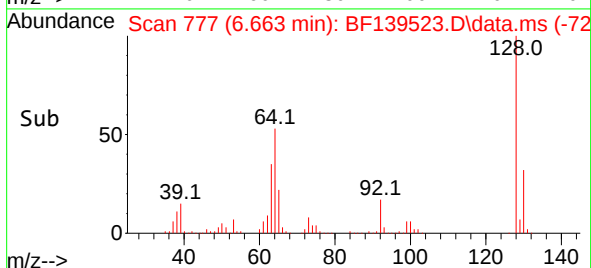
Reviewed By :Yogesh Patel 09/25/2024
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#8
2-Chlorophenol
Concen: 48.251 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



Tgt Ion:128 Resp: 161382
Ion Ratio Lower Upper
128 100
130 31.5 12.8 52.8
64 52.7 35.1 75.1





#9

Benzaldehyde

Concen: 9.829 ng

RT: 6.422 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

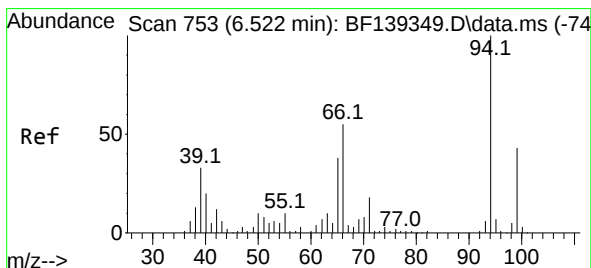
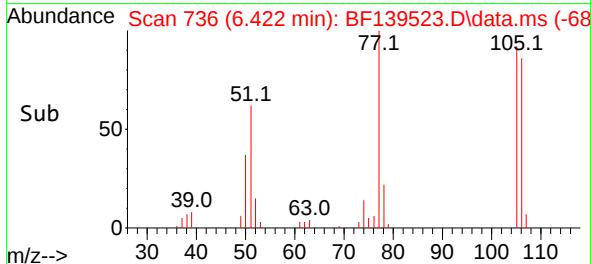
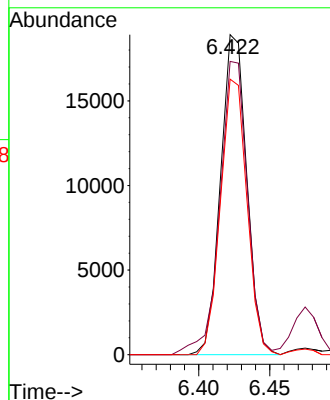
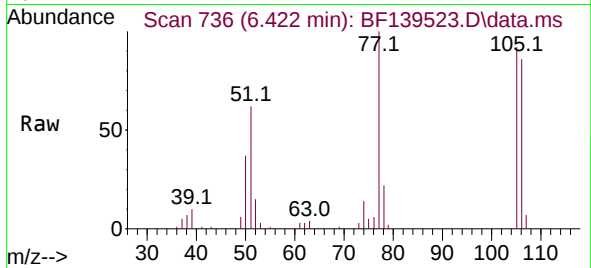
Tgt Ion: 77	Resp: 24219
Ion Ratio	Lower Upper
77 100	
105 91.7	71.0 111.0
106 86.1	64.9 104.9

Manual Integrations

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Supervised By :mohammad ahmed 09/25/2024



#10

Phenol

Concen: 50.215 ng

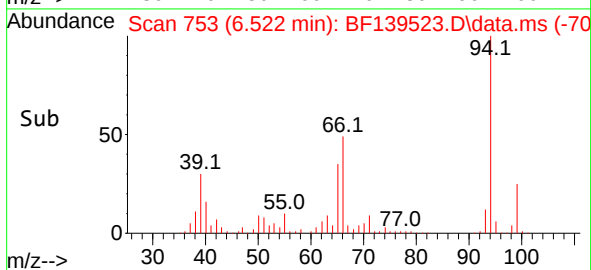
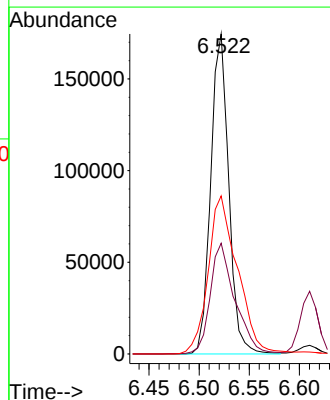
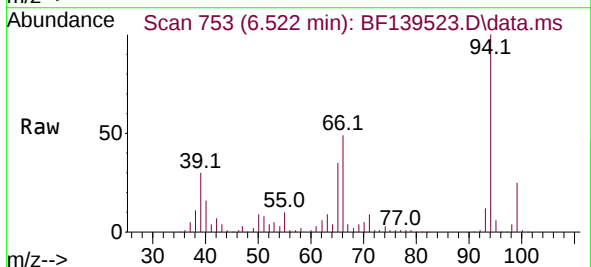
RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Tgt Ion: 94	Resp: 218112
Ion Ratio	Lower Upper
94 100	
65 34.6	17.6 57.6
66 49.4	35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 47.177 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

Tgt Ion: 93 Resp: 155749

Ion Ratio Lower Upper

93 100

63 84.6 65.3 105.3

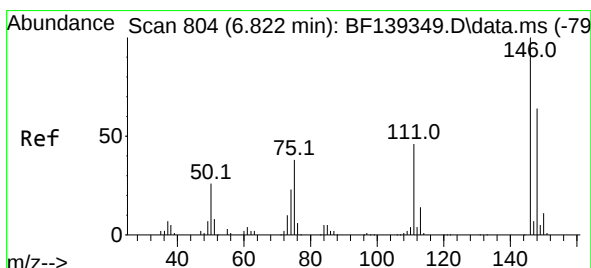
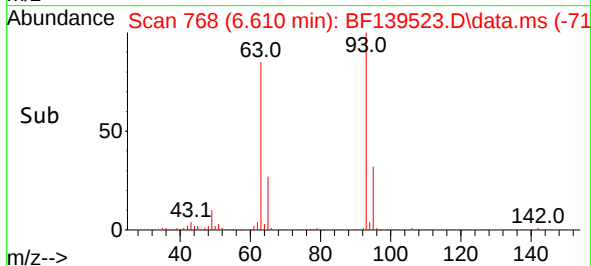
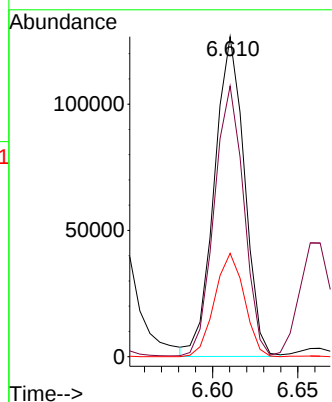
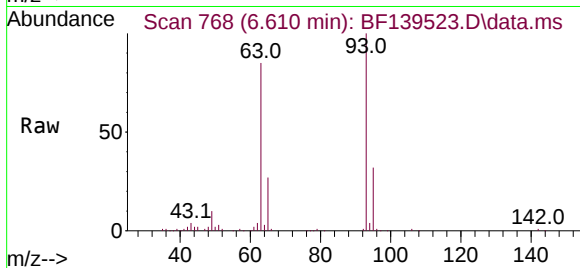
95 32.3 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#12

1,3-Dichlorobenzene

Concen: 44.461 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

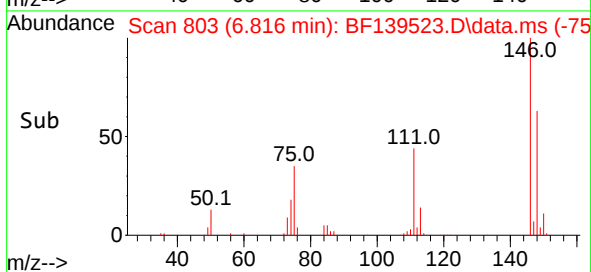
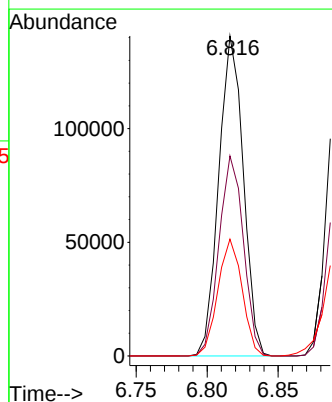
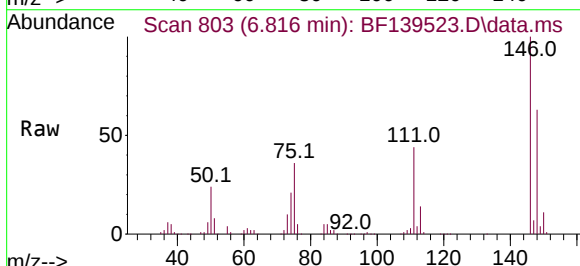
Tgt Ion:146 Resp: 169119

Ion Ratio Lower Upper

146 100

148 62.5 51.2 76.8

75 36.5 30.6 46.0





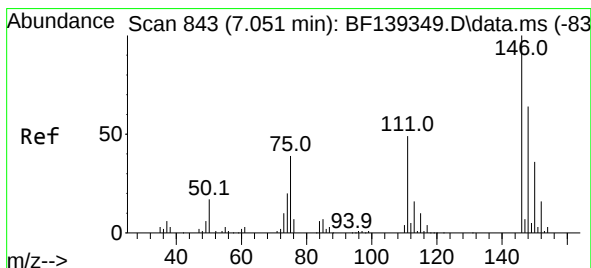
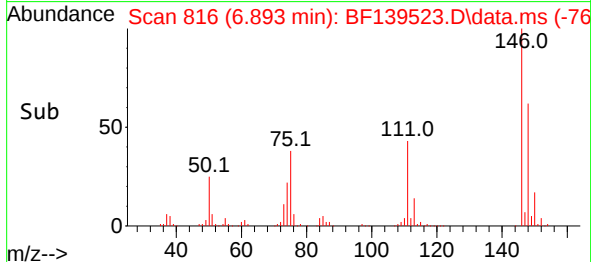
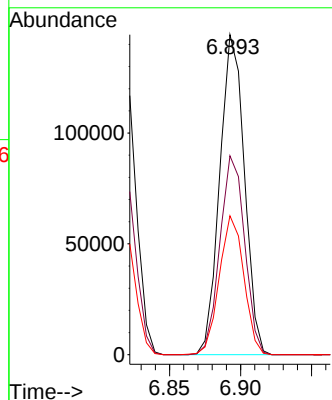
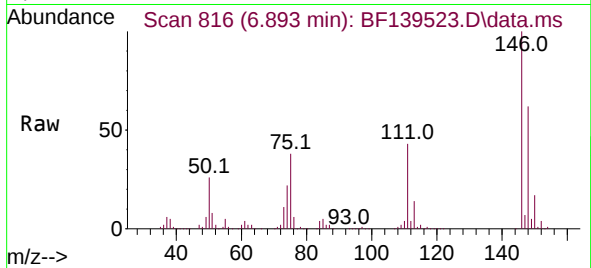
#13
1,4-Dichlorobenzene
Concen: 45.293 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :
BNA_F
ClientSampleId :
COMP-8MS

Tgt Ion:146 Resp: 174098
Ion Ratio Lower Upper
146 100
148 62.1 50.9 76.3
111 43.4 36.3 54.5

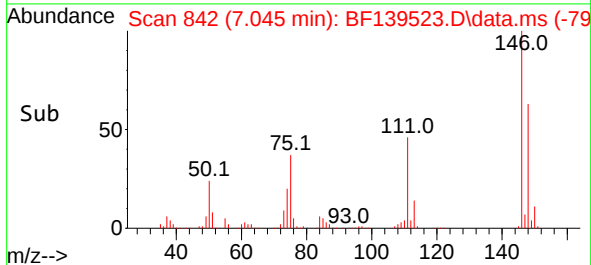
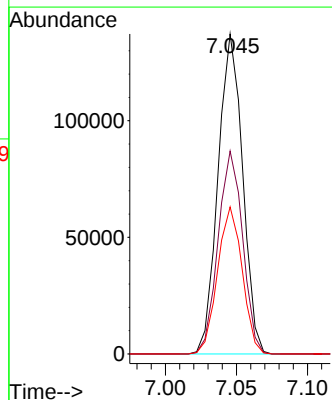
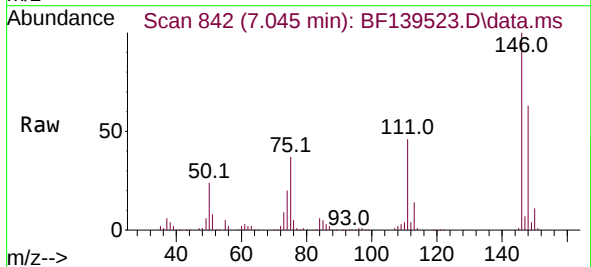
Manual Integrations
APPROVED

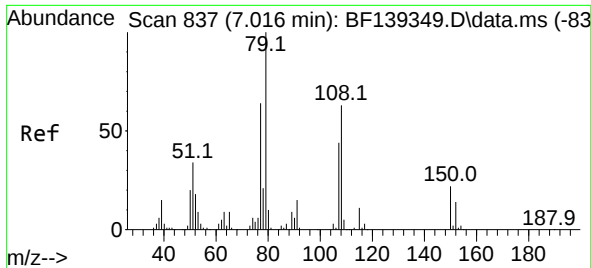
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#14
1,2-Dichlorobenzene
Concen: 45.371 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

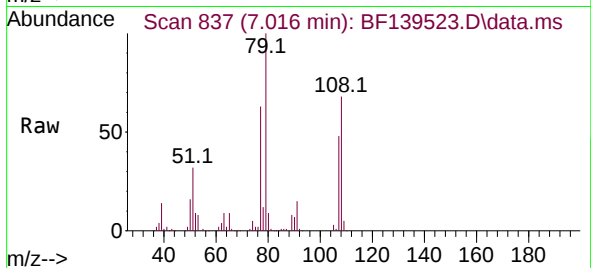
Tgt Ion:146 Resp: 164792
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
111 45.9 38.9 58.3





#15
Benzyl Alcohol
Concen: 43.748 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

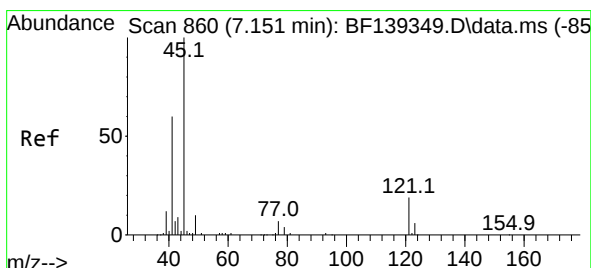
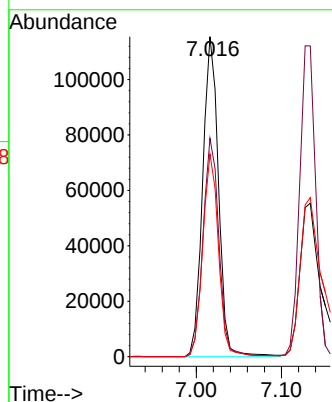
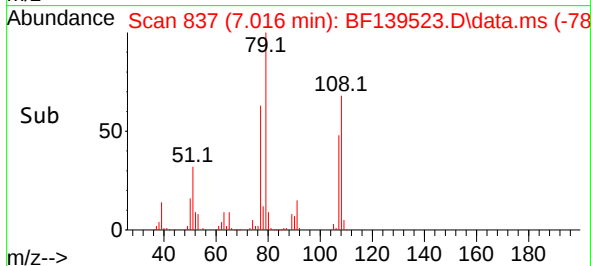
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



Tgt Ion: 79 Resp: 148854
Ion Ratio Lower Upper
79 100
108 68.2 50.4 75.6
77 63.4 51.4 77.2

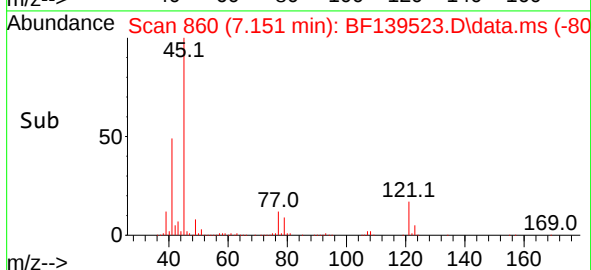
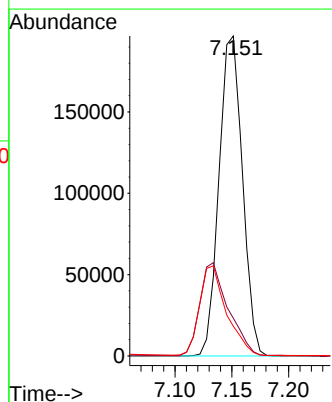
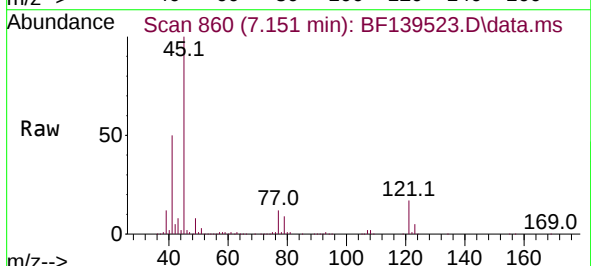
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.473 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion: 45 Resp: 282237
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.0
79 9.3 0.0 29.1





#17
2-Methylphenol
Concen: 49.353 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

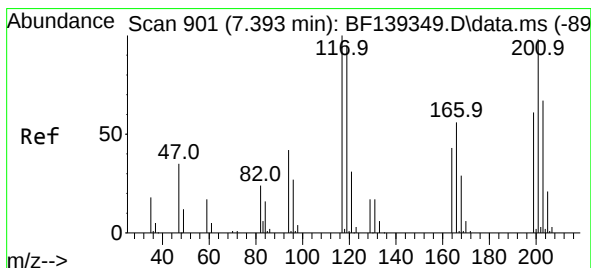
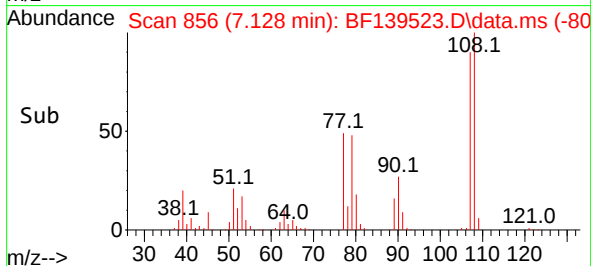
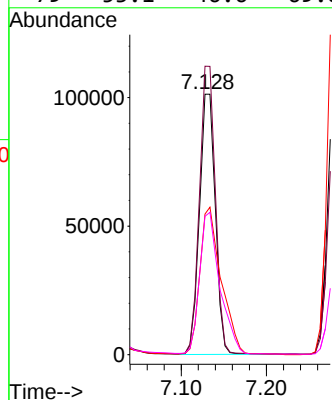
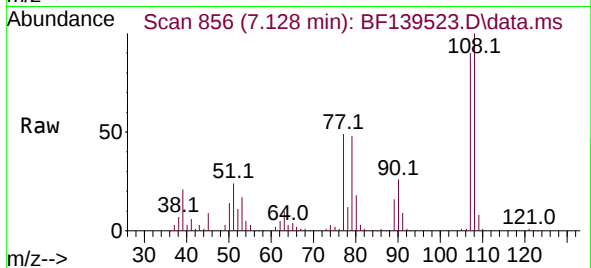
COMP-8MS

Tgt Ion:107 Resp: 131140
Ion Ratio Lower Upper
107 100
108 110.7 90.5 135.7
77 54.0 47.1 70.7
79 53.1 46.6 69.8

Manual Integrations

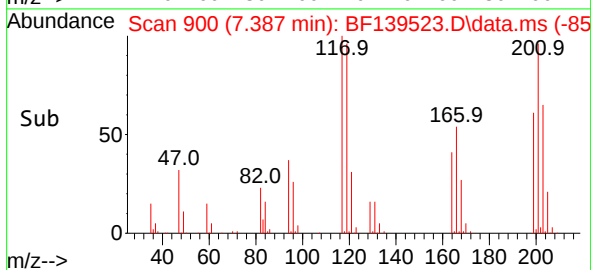
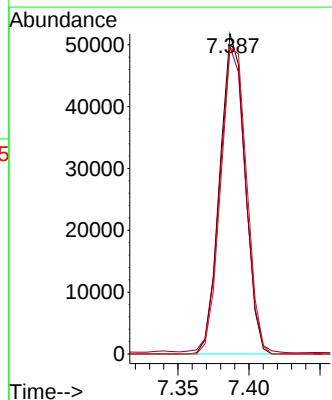
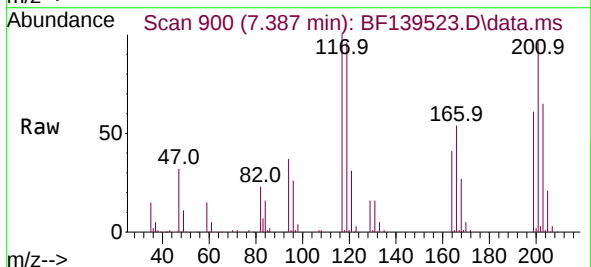
APPROVED

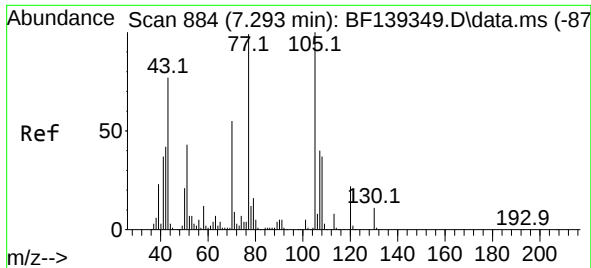
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#18
Hexachloroethane
Concen: 43.407 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion:117 Resp: 63550
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 95.7 78.6 118.0





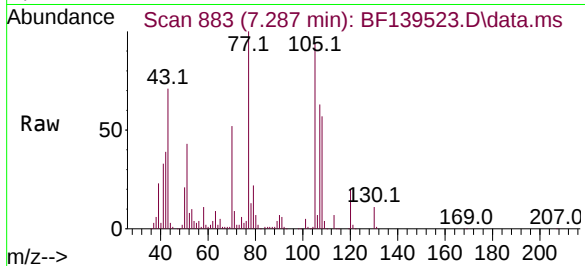
#19
n-Nitroso-di-n-propylamine
Concen: 48.054 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS



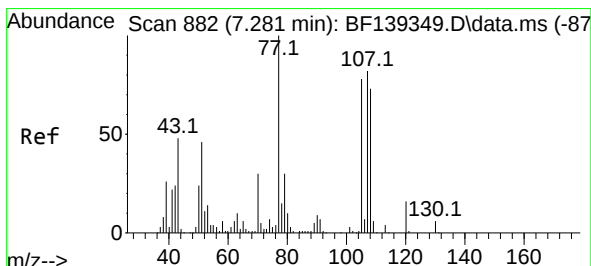
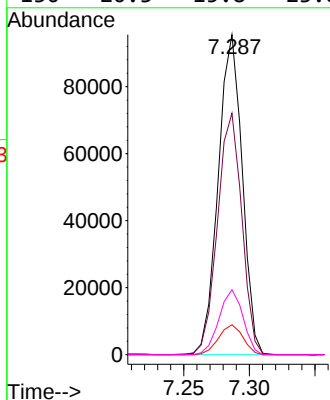
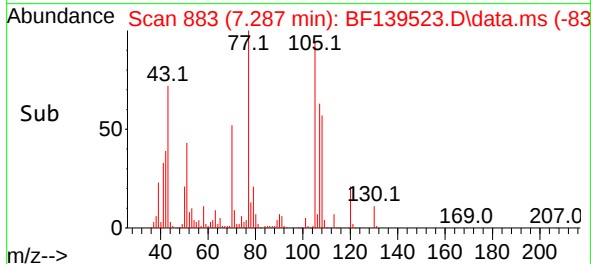
Tgt Ion: 70 Resp: 12144
Ion Ratio Lower Upper
70 100
42 75.4 61.2 91.8
101 9.4 7.5 11.3
130 20.3 15.8 23.8

Manual Integrations

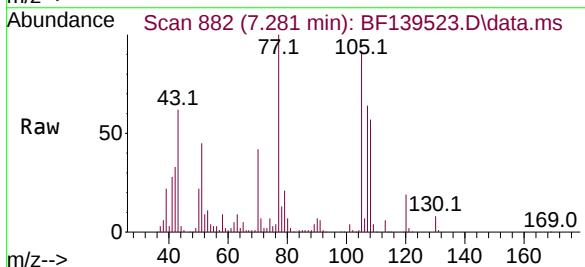
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

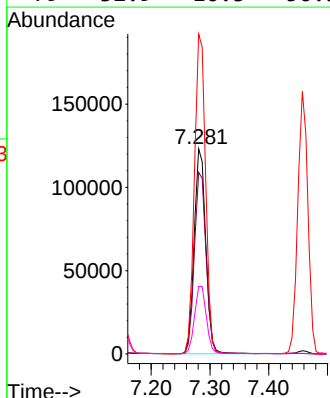
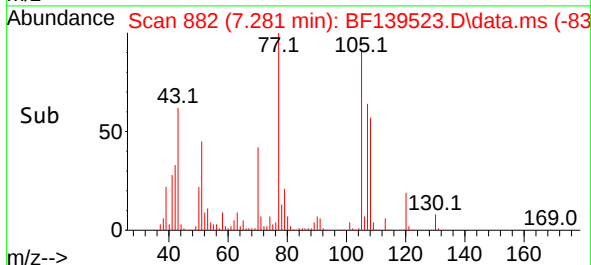
Supervised By :mohammad ahmed 09/25/2024

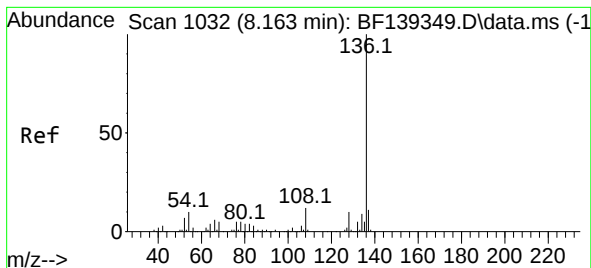


#20
3+4-Methylphenols
Concen: 46.403 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



Tgt Ion:107 Resp: 168231
Ion Ratio Lower Upper
107 100
108 88.5 68.6 108.6
77 156.0 101.6 141.6#
79 32.9 16.3 56.3





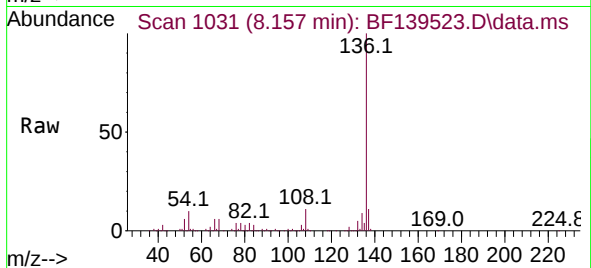
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS



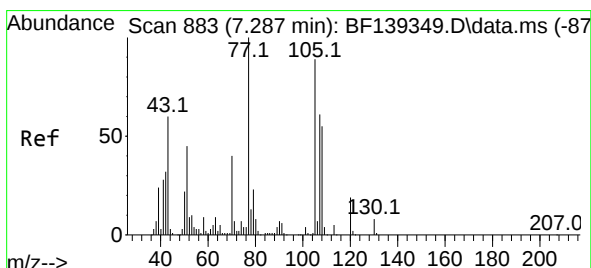
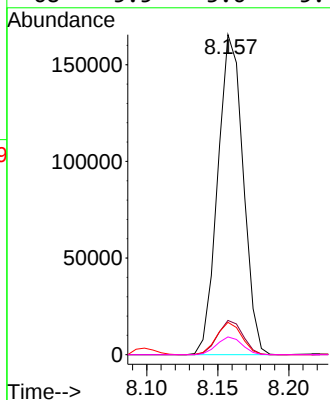
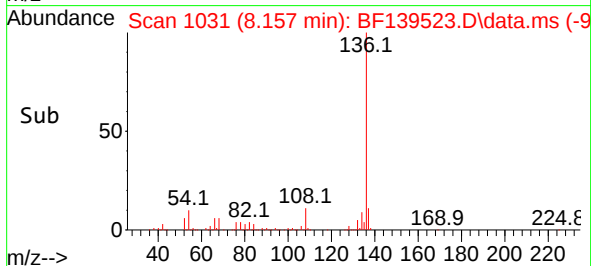
Tgt Ion:136 Resp: 20591
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.1 7.8 11.8
68 5.5 3.6 5.4#

Manual Integrations

APPROVED

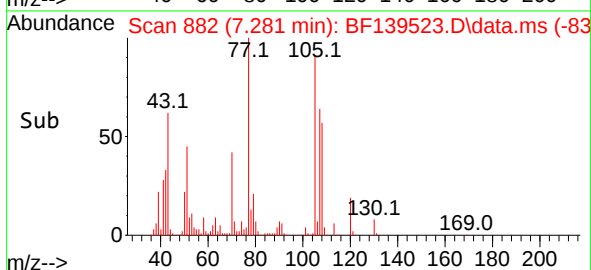
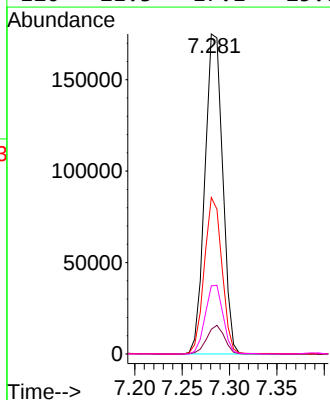
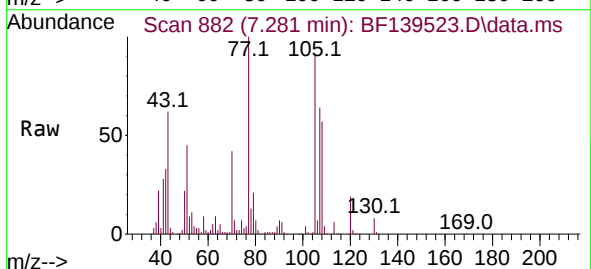
Reviewed By :Yogesh Patel 09/25/2024

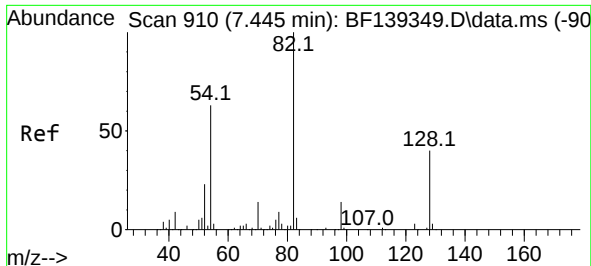
Supervised By :mohammad ahmed 09/25/2024



#22
Acetophenone
Concen: 42.554 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion:105 Resp: 229073
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 48.9 40.0 60.0
120 21.3 17.1 25.7





#23
Nitrobenzene-d5
Concen: 52.671 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

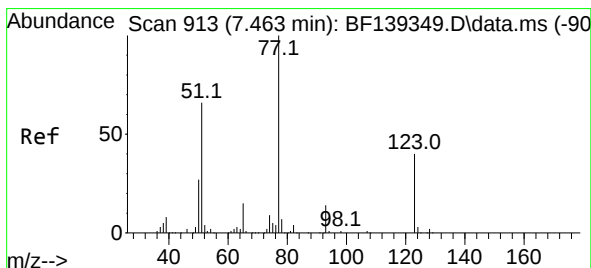
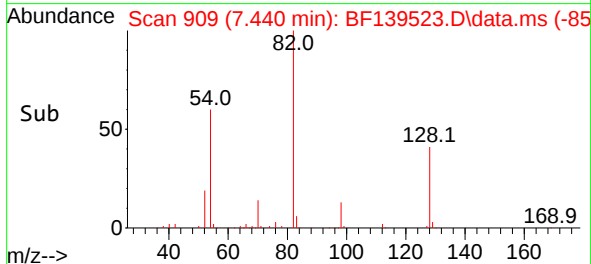
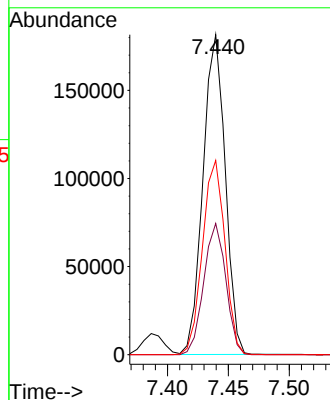
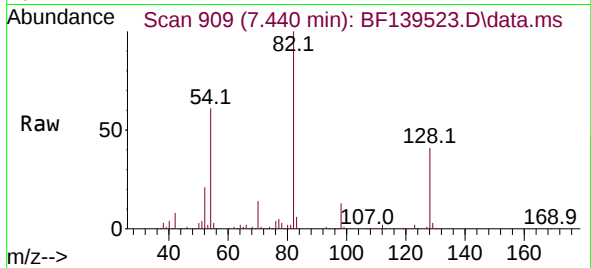
ClientSampleId :

COMP-8MS

Tgt Ion: 82 Resp: 230698
Ion Ratio Lower Upper
82 100
128 41.0 31.8 47.6
54 60.7 50.6 75.8

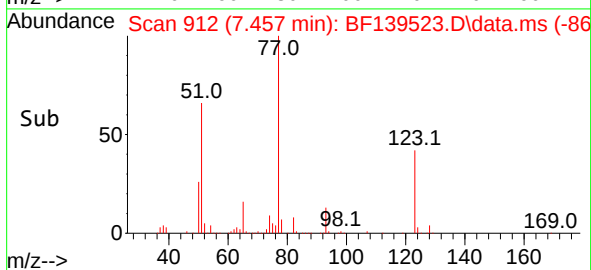
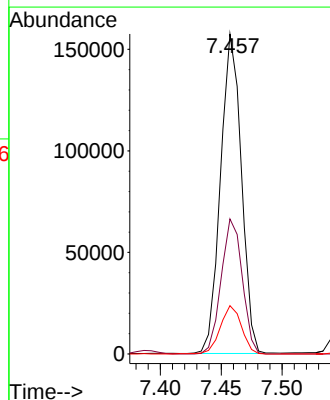
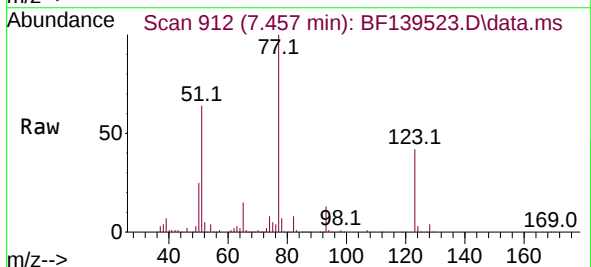
Manual Integrations
APPROVED

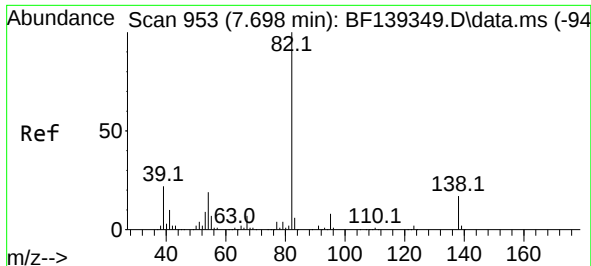
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#24
Nitrobenzene
Concen: 41.652 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion: 77 Resp: 187766
Ion Ratio Lower Upper
77 100
123 42.2 32.2 48.4
65 15.1 12.2 18.4





#25
Isophorone
Concen: 47.122 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

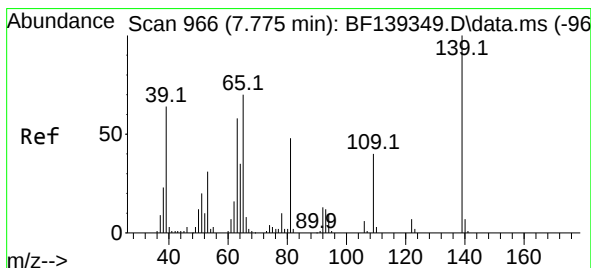
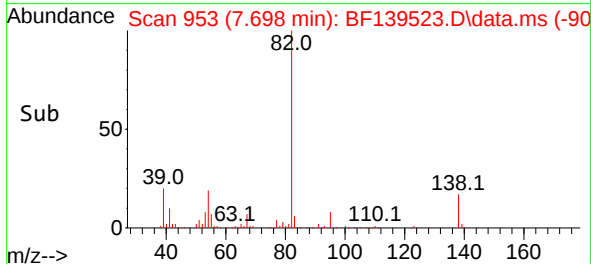
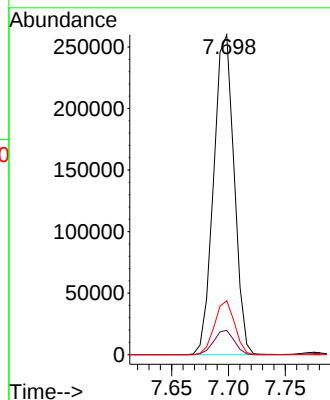
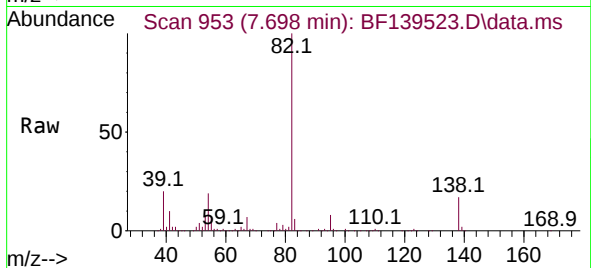
COMP-8MS

Tgt Ion: 82 Resp: 326419
Ion Ratio Lower Upper
82 100
95 7.6 6.7 10.1
138 16.8 13.3 19.9

Manual Integrations

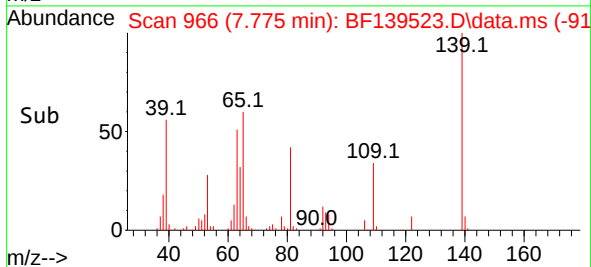
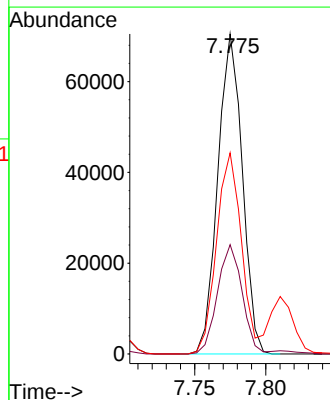
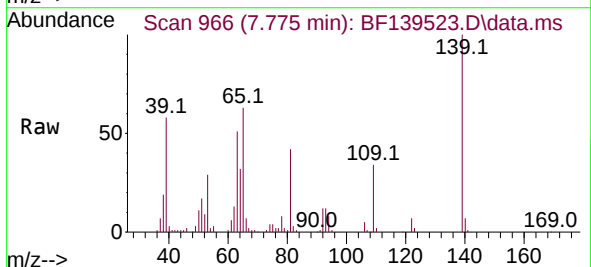
APPROVED

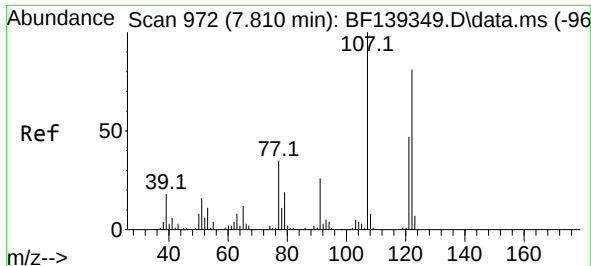
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#26
2-Nitrophenol
Concen: 48.095 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

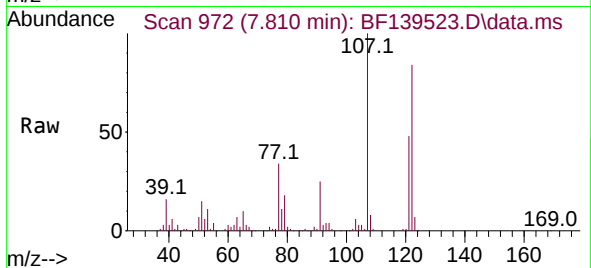
Tgt Ion:139 Resp: 84468
Ion Ratio Lower Upper
139 100
109 34.1 32.2 48.2
65 62.8 55.8 83.8





#27
2,4-Dimethylphenol
Concen: 56.654 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

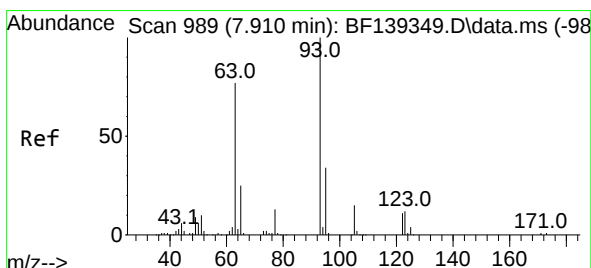
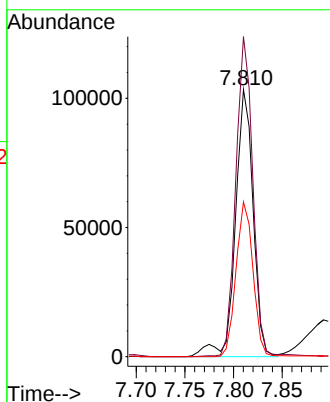
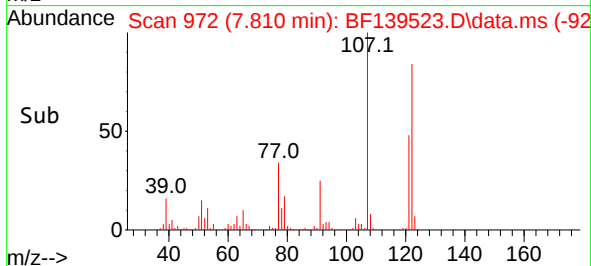
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



Tgt Ion:122 Resp: 131250
Ion Ratio Lower Upper
122 100
107 119.7 99.1 148.7
121 57.9 46.6 70.0

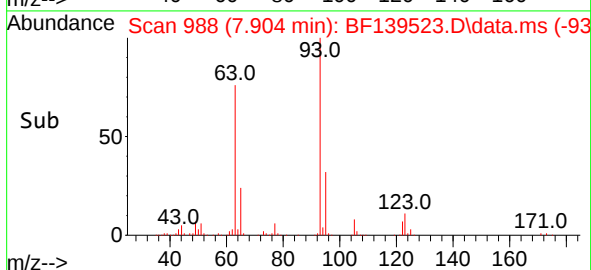
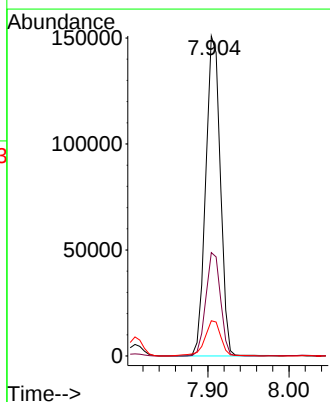
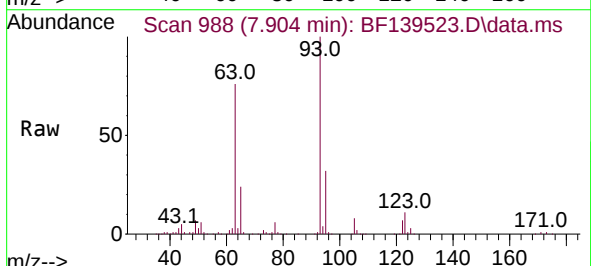
Manual Integrations
APPROVED

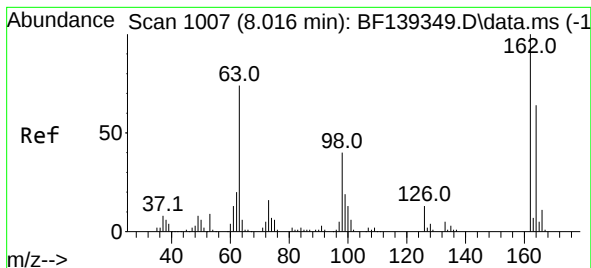
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.684 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion: 93 Resp: 188253
Ion Ratio Lower Upper
93 100
95 32.3 26.9 40.3
123 11.0 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 47.023 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

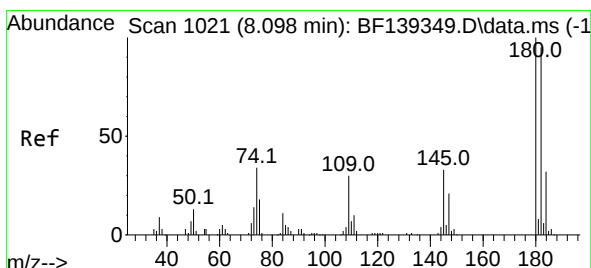
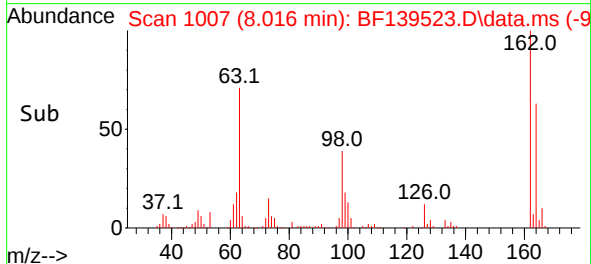
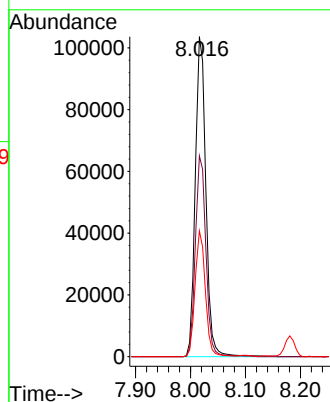
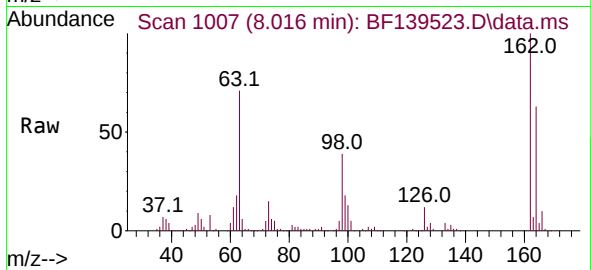
COMP-8MS

Tgt Ion:162 Resp: 13839
Ion Ratio Lower Upper
162 100
164 62.7 43.6 83.6
98 39.3 19.7 59.7

Manual Integrations

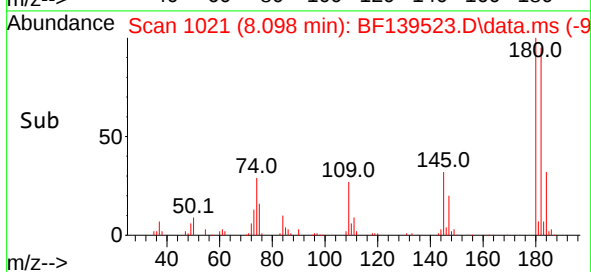
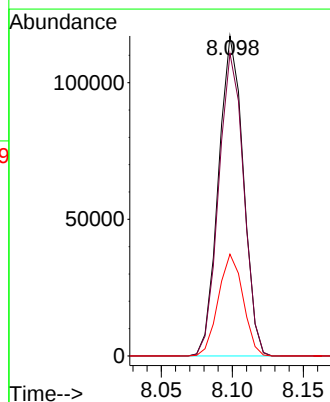
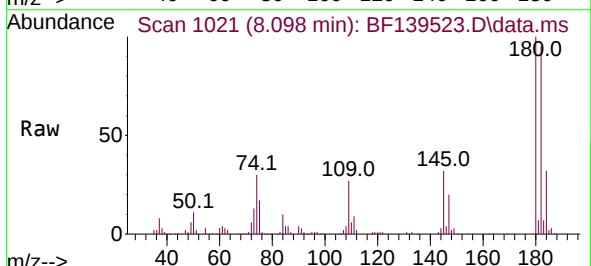
APPROVED

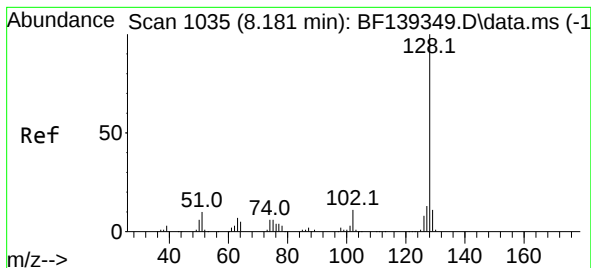
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.461 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion:180 Resp: 142176
Ion Ratio Lower Upper
180 100
182 94.6 75.7 113.5
145 31.8 26.5 39.7





#31

Naphthalene

Concen: 44.792 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

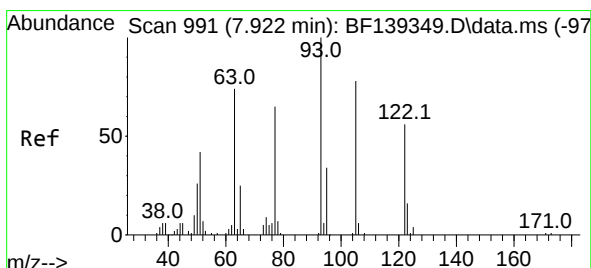
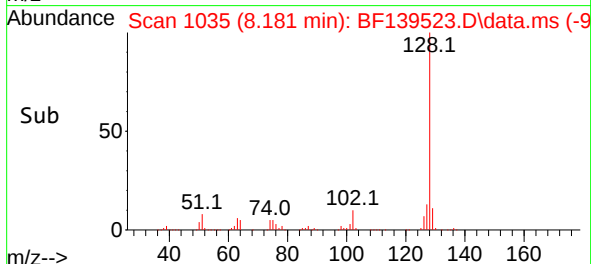
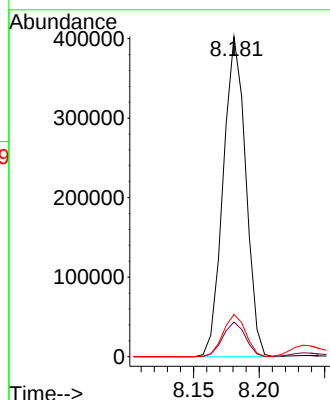
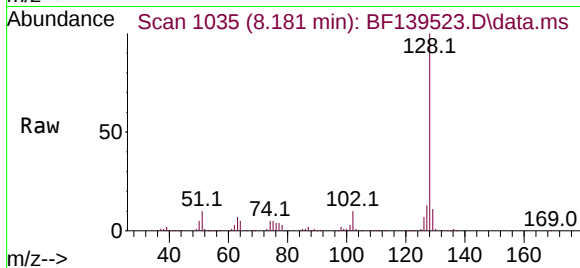
Tgt Ion:128 Resp: 48150
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 13.2 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#32

Benzoic acid

Concen: 17.202 ng

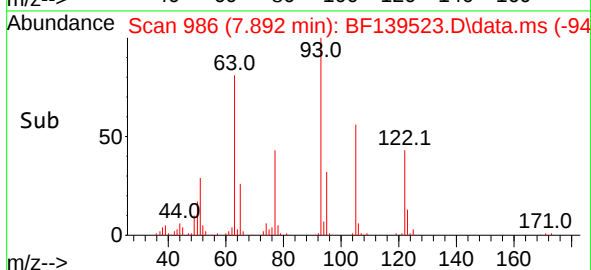
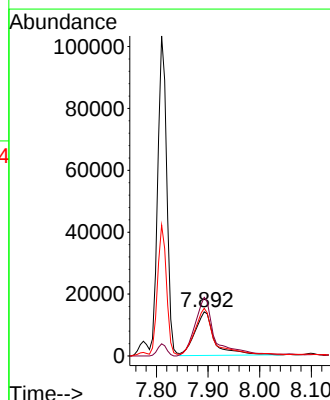
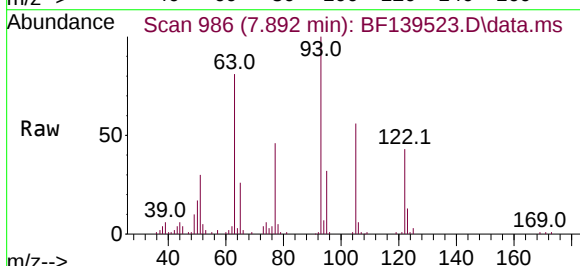
RT: 7.892 min Scan# 986

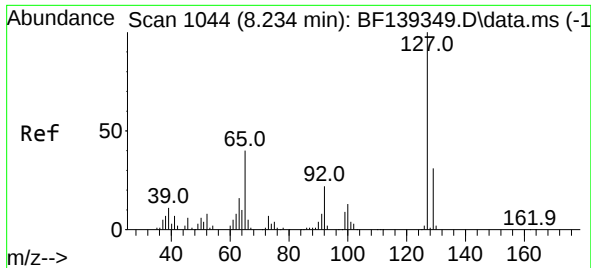
Delta R.T. -0.029 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Tgt Ion:122 Resp: 37295
 Ion Ratio Lower Upper
 122 100
 105 132.6 117.1 157.1
 77 108.1 95.4 135.4





#33
4-Chloroaniline
Concen: 10.854 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

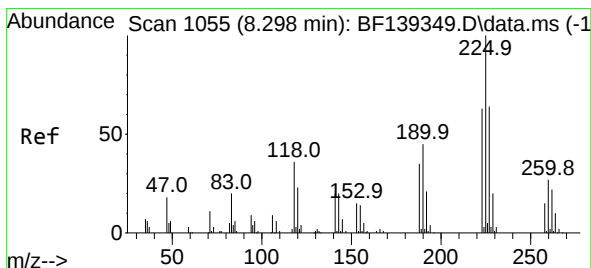
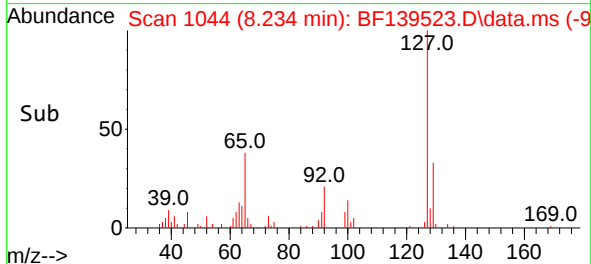
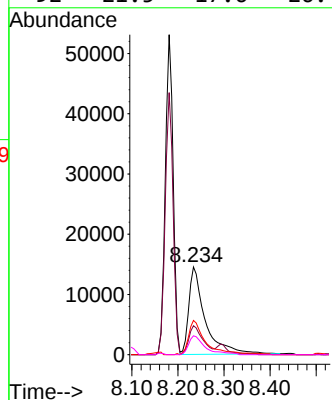
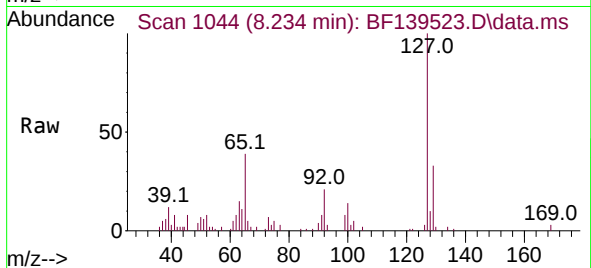
COMP-8MS

Tgt Ion:127 Resp: 3569
Ion Ratio Lower Upper
127 100
129 33.1 25.5 38.3
65 39.0 31.5 47.3
92 21.5 17.6 26.4

Manual Integrations

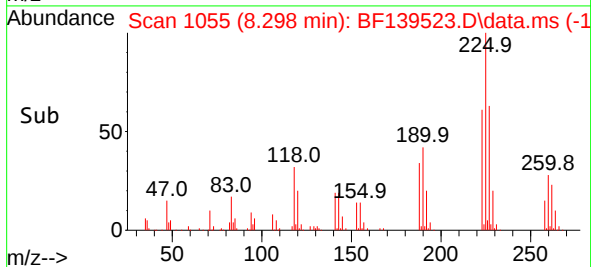
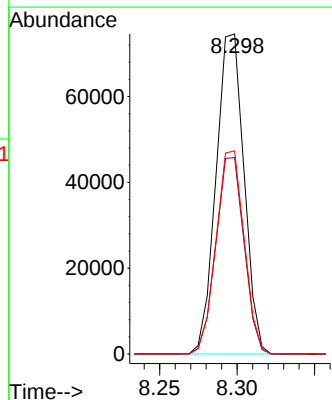
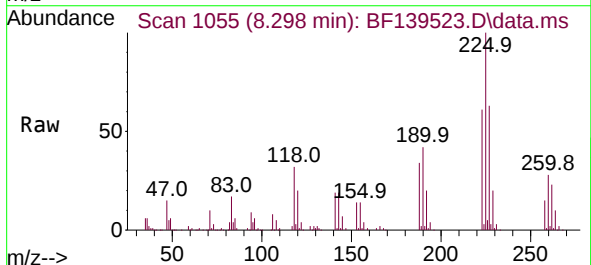
APPROVED

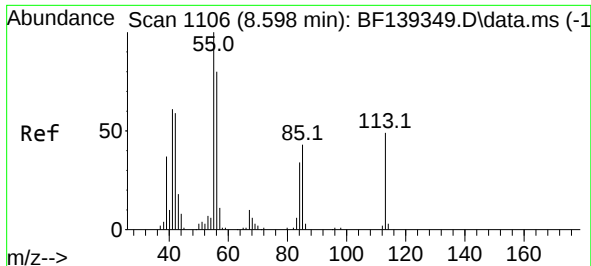
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#34
Hexachlorobutadiene
Concen: 40.188 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

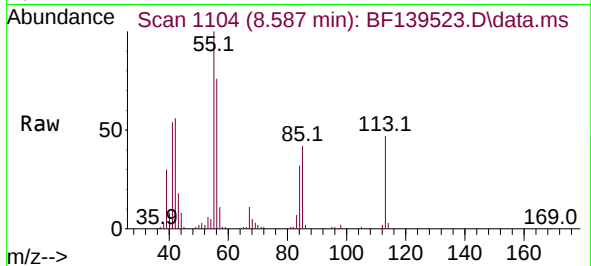
Tgt Ion:225 Resp: 93628
Ion Ratio Lower Upper
225 100
223 61.3 50.1 75.1
227 63.5 51.0 76.6





#35
Caprolactam
Concen: 48.719 ng m
RT: 8.587 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

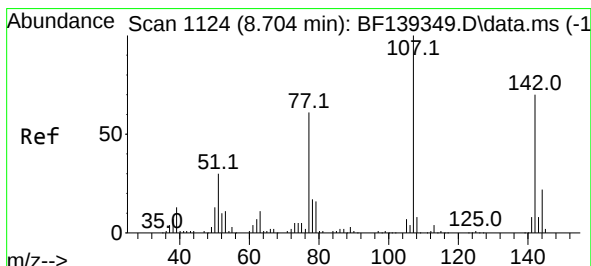
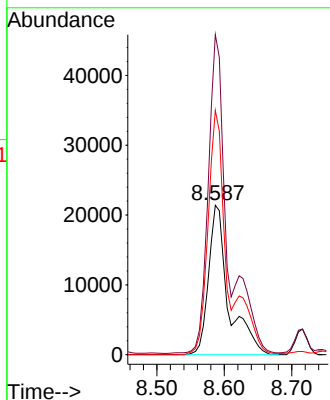
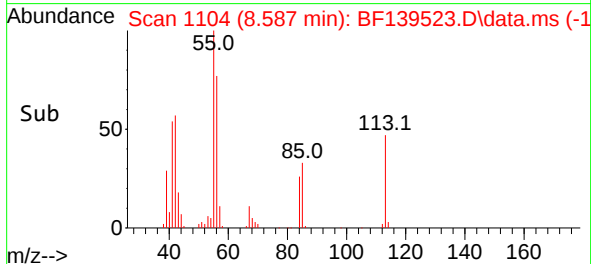
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



Tgt Ion:113 Resp: 4410
Ion Ratio Lower Upper
113 100
55 214.1 186.1 226.1
56 163.5 144.9 184.9

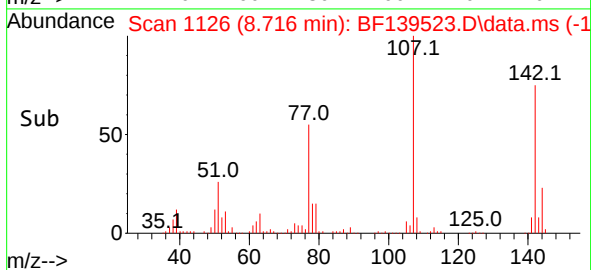
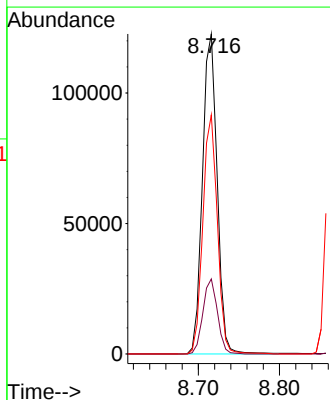
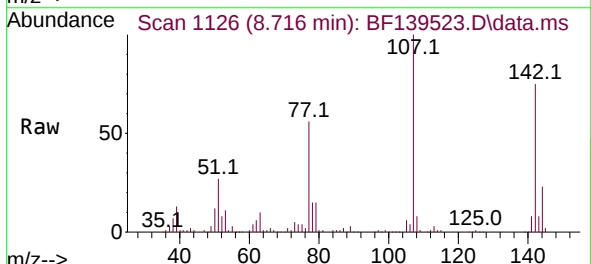
Manual Integrations
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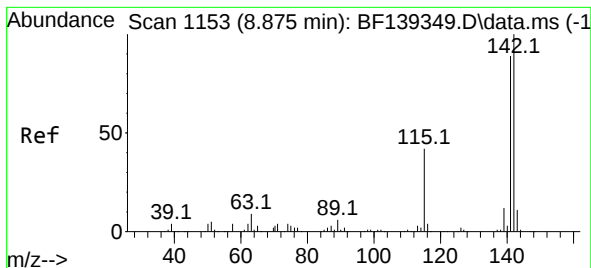
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#36
4-Chloro-3-methylphenol
Concen: 45.788 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion:107 Resp: 154009
Ion Ratio Lower Upper
107 100
144 23.4 17.5 26.3
142 74.7 55.8 83.8





#37

2-Methylnaphthalene

Concen: 47.392 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

Tgt Ion:142 Resp: 323364

Ion Ratio Lower Upper

142 100

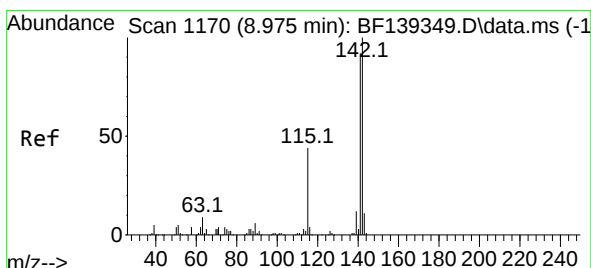
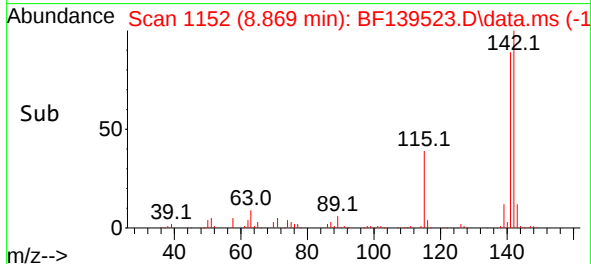
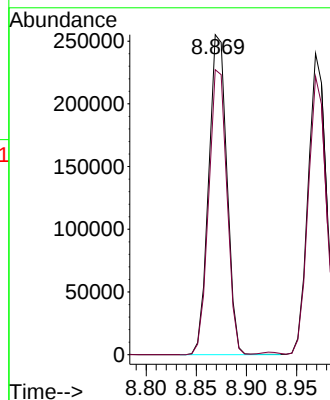
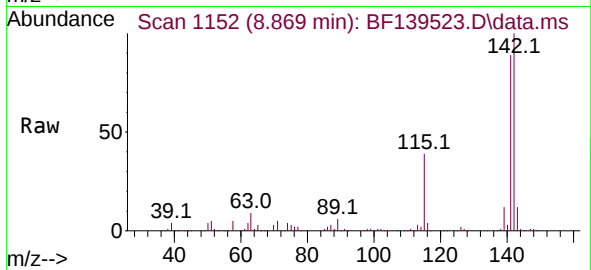
141 89.1 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#38

1-Methylnaphthalene

Concen: 44.204 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139523.D

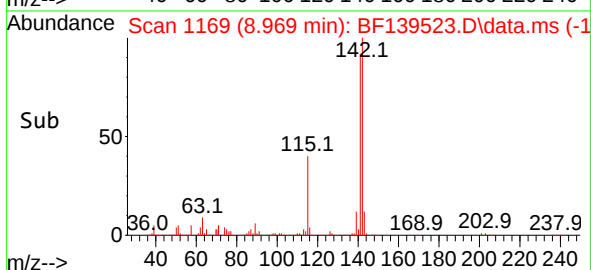
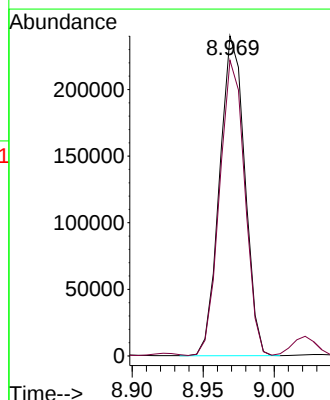
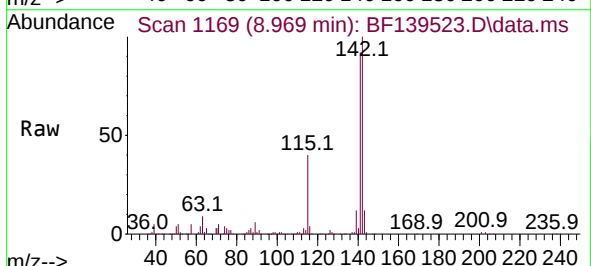
Acq: 24 Sep 2024 16:38

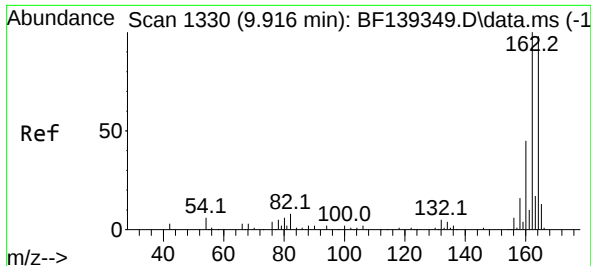
Tgt Ion:142 Resp: 296113

Ion Ratio Lower Upper

142 100

141 92.4 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139523.D

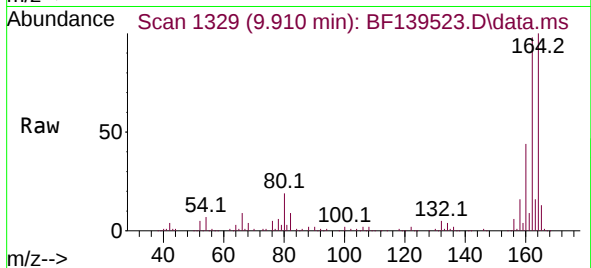
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS



Tgt Ion:164 Resp: 115972

Ion Ratio Lower Upper

164 100

162 98.3 81.3 121.9

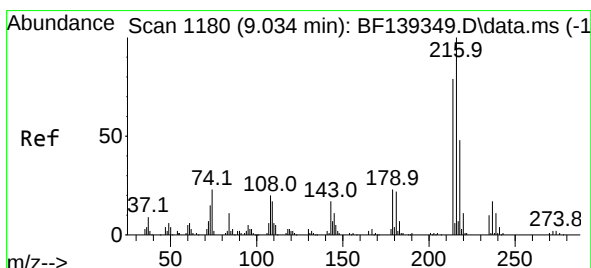
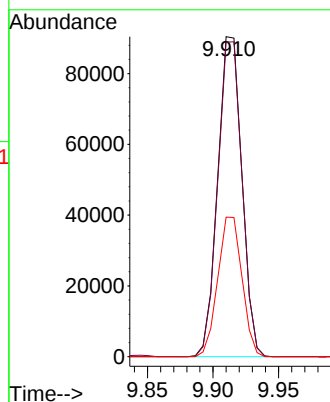
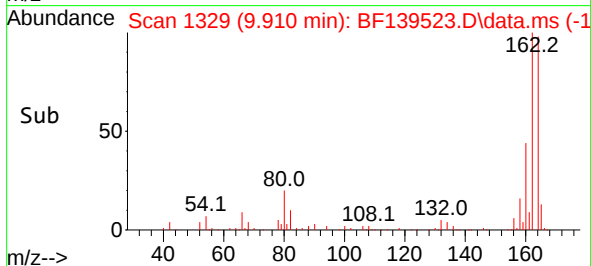
160 43.6 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.492 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Tgt Ion:216 Resp: 149484

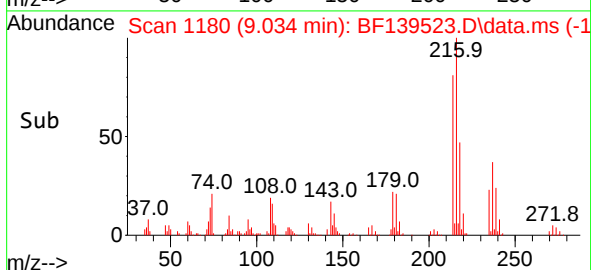
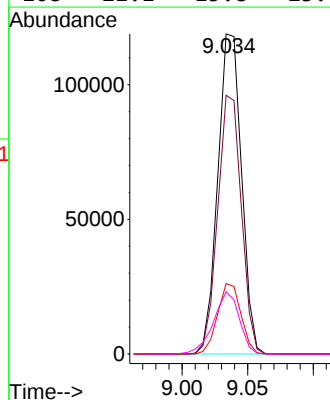
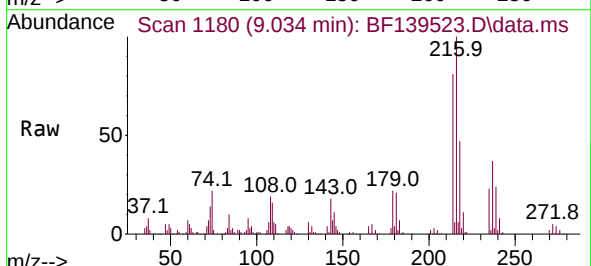
Ion Ratio Lower Upper

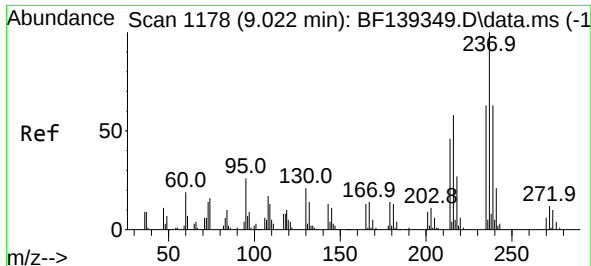
216 100

214 80.3 63.4 95.0

179 21.7 18.2 27.2

108 21.1 15.8 23.6





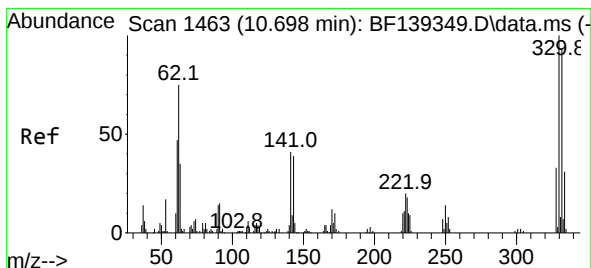
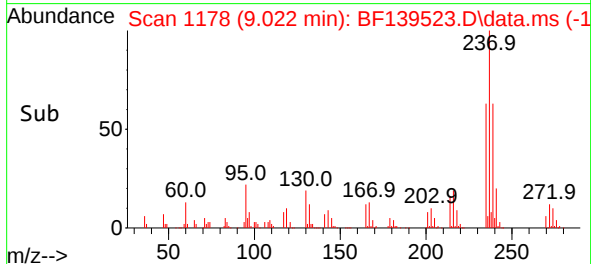
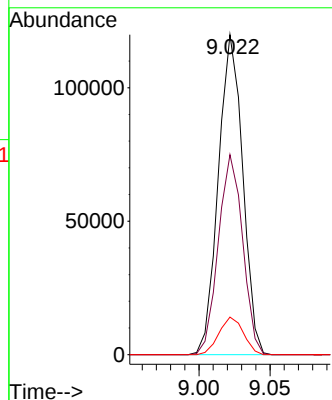
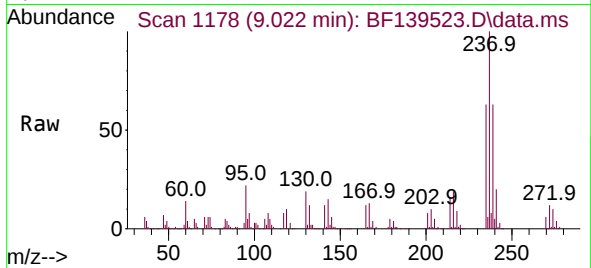
#41
Hexachlorocyclopentadiene
Concen: 119.038 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :
BNA_F
ClientSampleId :
COMP-8MS

Tgt Ion:237 Resp: 142854
Ion Ratio Lower Upper
237 100
235 62.5 42.7 82.7
272 11.7 0.0 32.5

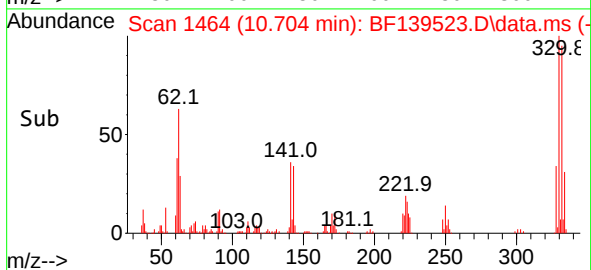
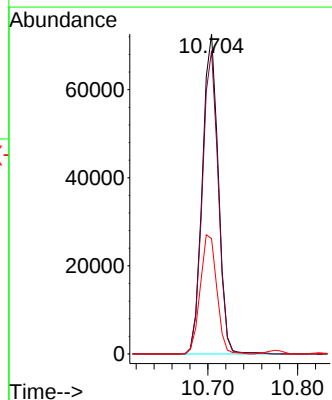
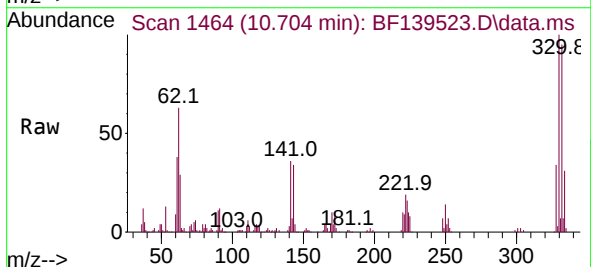
Manual Integrations
APPROVED

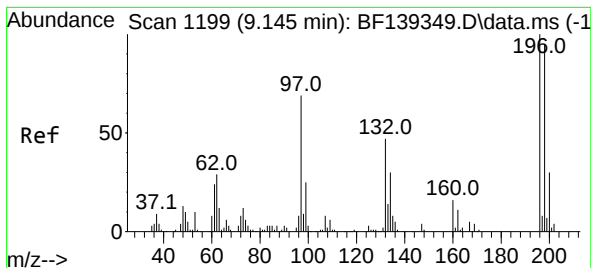
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#42
2,4,6-Tribromophenol
Concen: 72.224 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

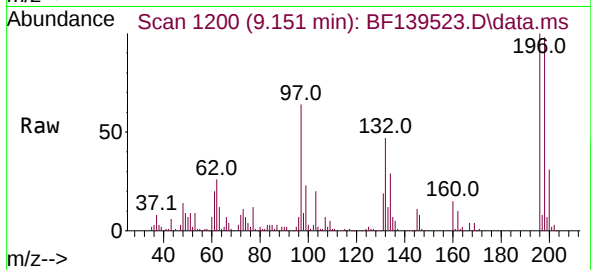
Tgt Ion:330 Resp: 89172
Ion Ratio Lower Upper
330 100
332 94.7 75.2 112.8
141 38.8 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 44.509 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

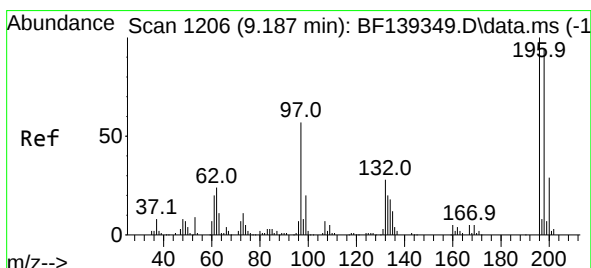
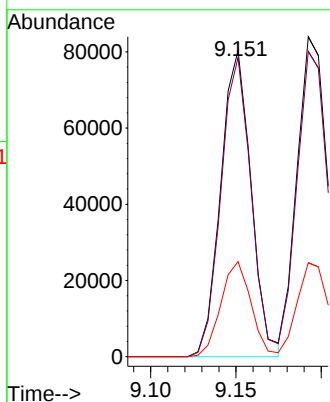
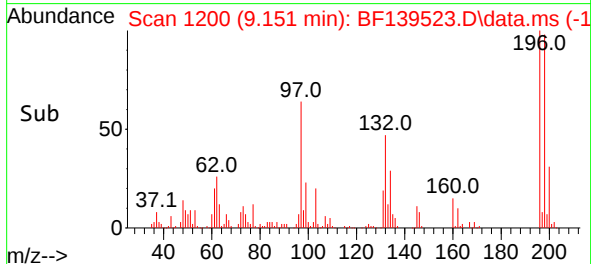
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



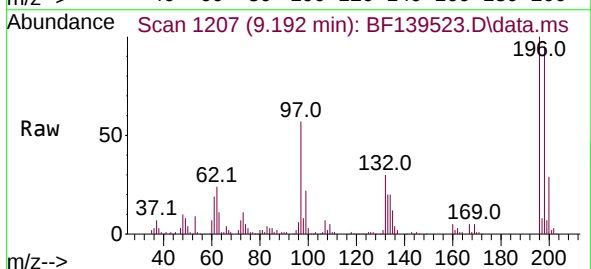
Tgt Ion:196 Resp: 99528
Ion Ratio Lower Upper
196 100
198 97.6 75.8 113.6
200 31.0 24.1 36.1

Manual Integrations
APPROVED

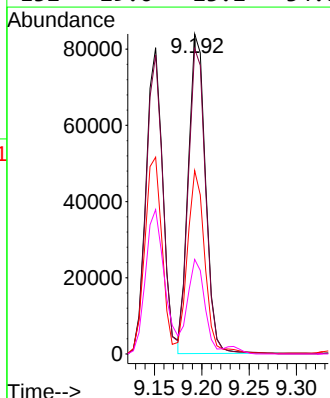
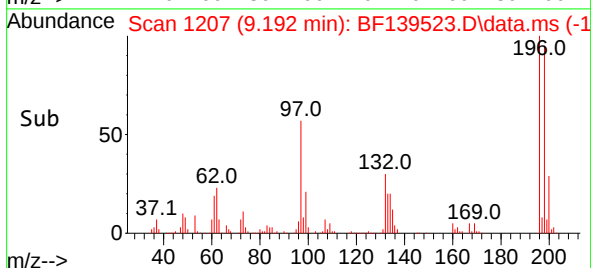
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

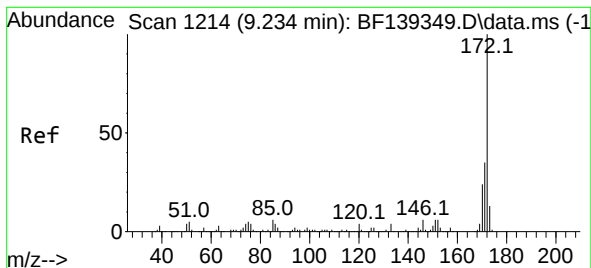


#44
2,4,5-Trichlorophenol
Concen: 45.123 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



Tgt Ion:196 Resp: 106434
Ion Ratio Lower Upper
196 100
198 95.4 74.8 112.2
97 57.3 47.3 70.9
132 29.6 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 53.123 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

Tgt Ion:172 Resp: 43926

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

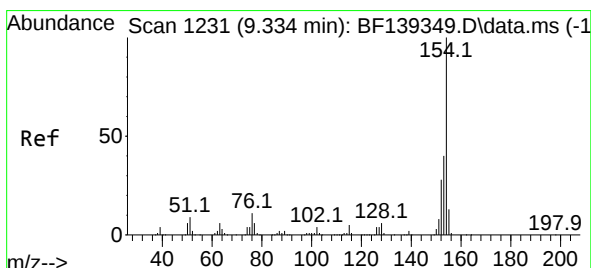
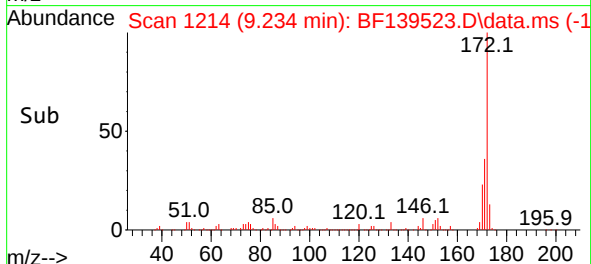
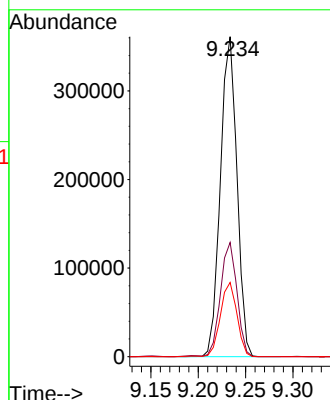
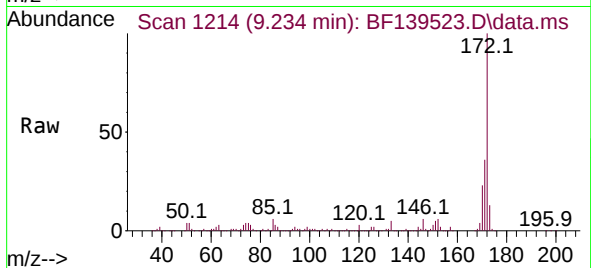
170 23.2 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#46

1,1'-Biphenyl

Concen: 44.737 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

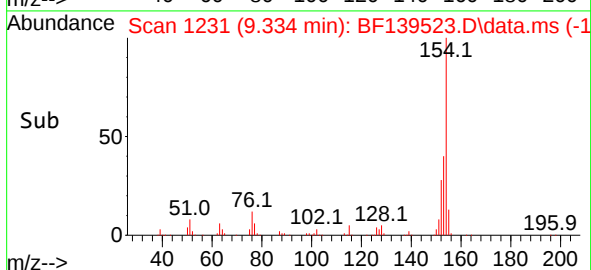
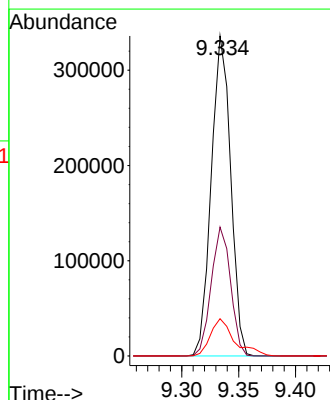
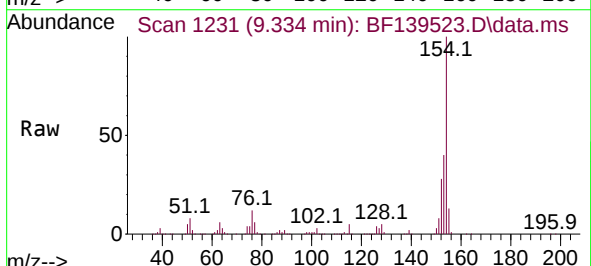
Tgt Ion:154 Resp: 399147

Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.570 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

Tgt Ion:162 Resp: 29732

Ion Ratio Lower Upper

162 100

127 43.9 35.0 52.4

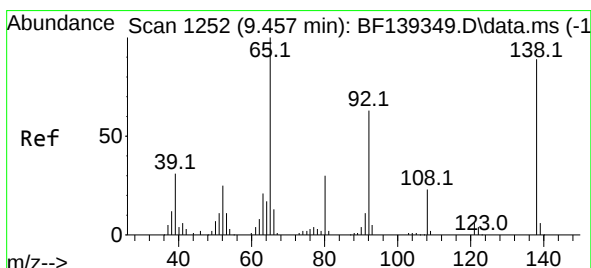
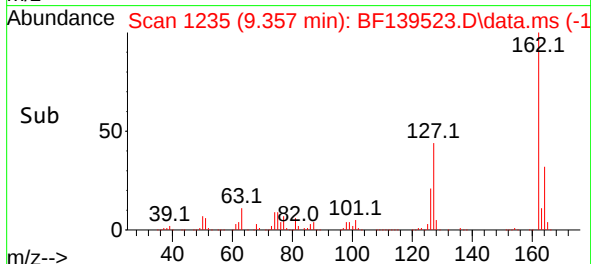
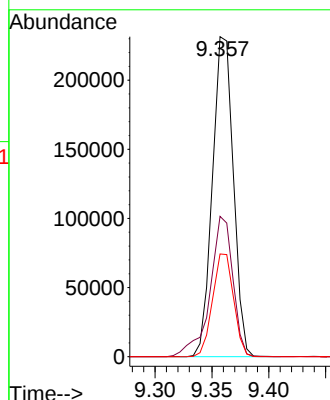
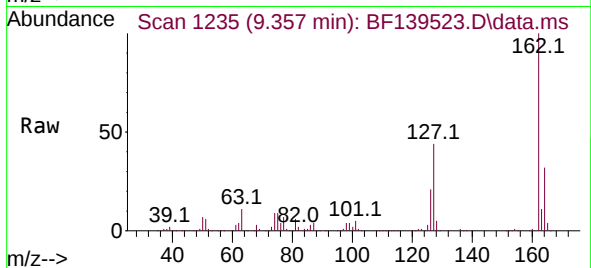
164 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#48

2-Nitroaniline

Concen: 47.314 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

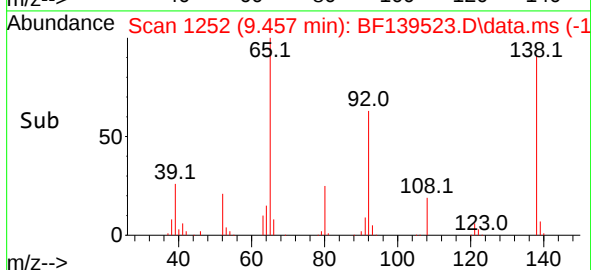
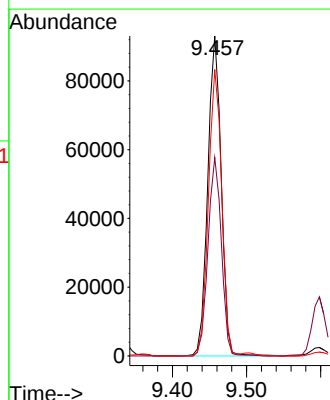
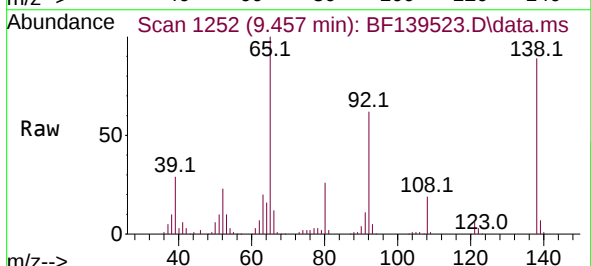
Tgt Ion: 65 Resp: 117399

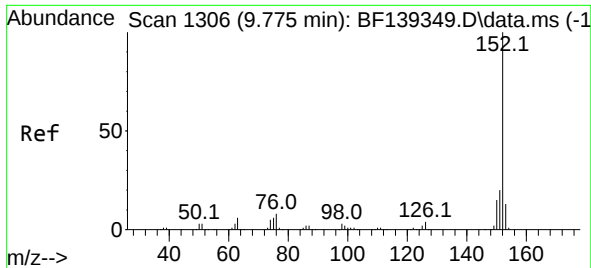
Ion Ratio Lower Upper

65 100

92 62.0 50.3 75.5

138 89.5 71.3 106.9





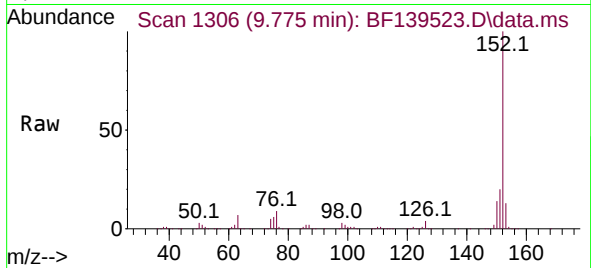
#49
Acenaphthylene
Concen: 49.626 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS



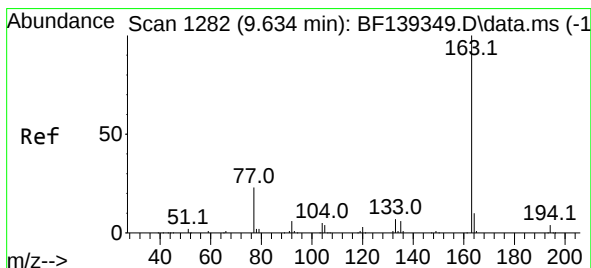
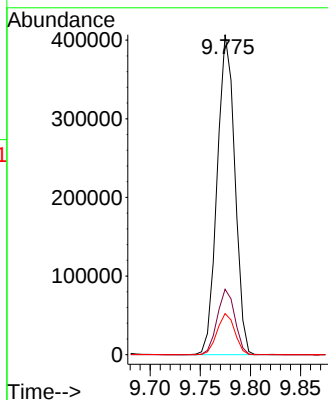
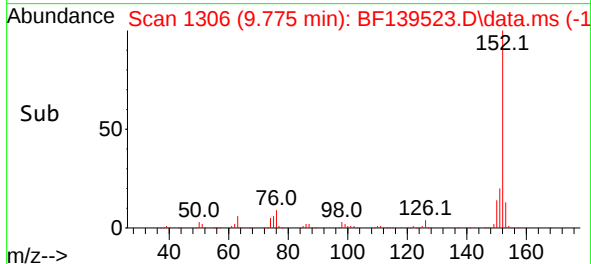
Tgt Ion:152 Resp: 498333
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 12.8 10.3 15.5

Manual Integrations

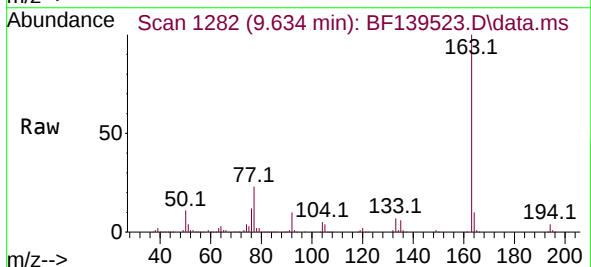
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

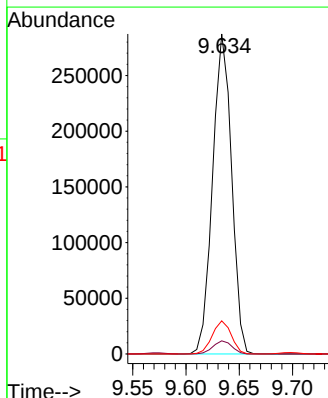
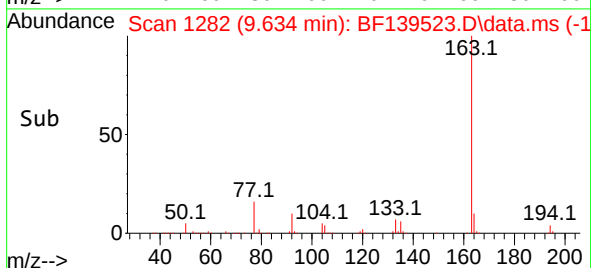
Supervised By :mohammad ahmed 09/25/2024

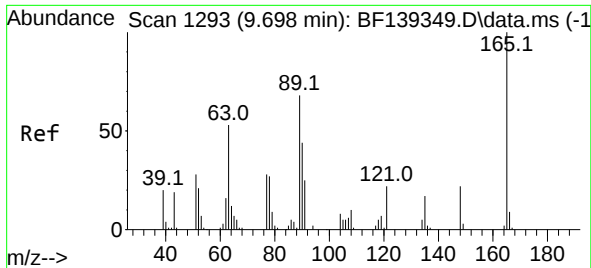


#50
Dimethylphthalate
Concen: 46.658 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



Tgt Ion:163 Resp: 355146
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.473 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

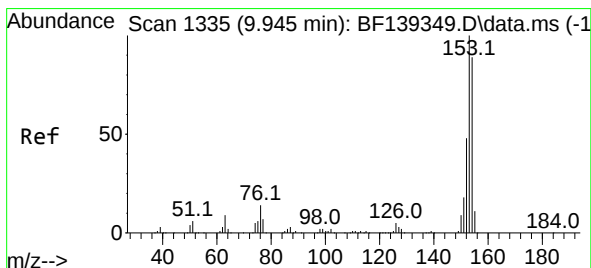
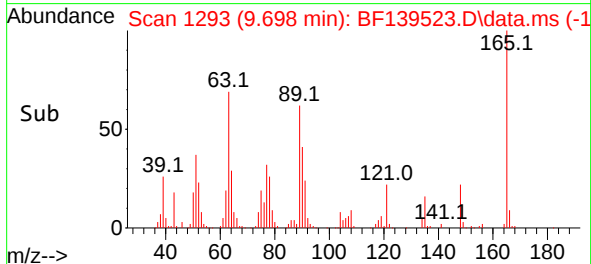
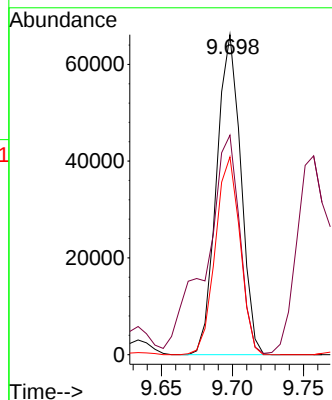
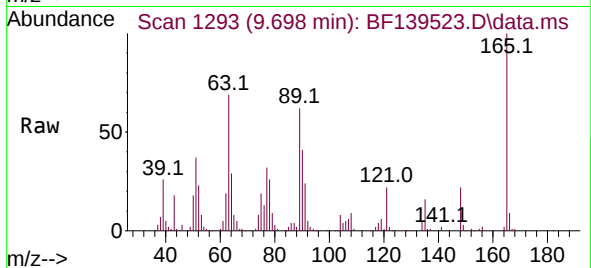
COMP-8MS

Tgt Ion:165 Resp: 7836
Ion Ratio Lower Upper
165 100
63 68.6 60.9 91.3
89 61.8 54.7 82.1

Manual Integrations

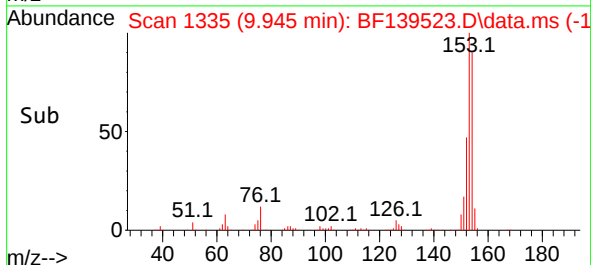
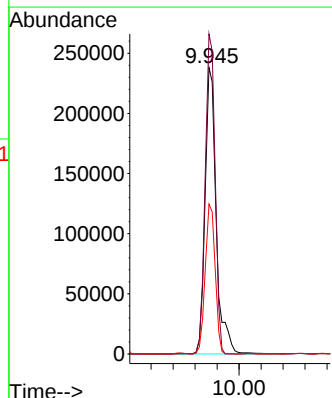
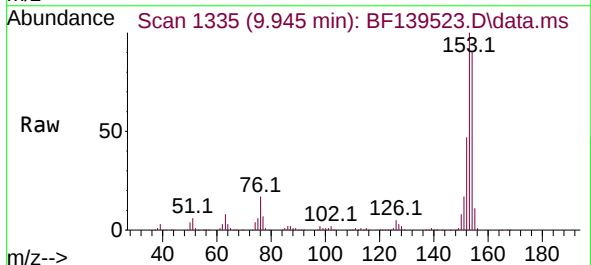
APPROVED

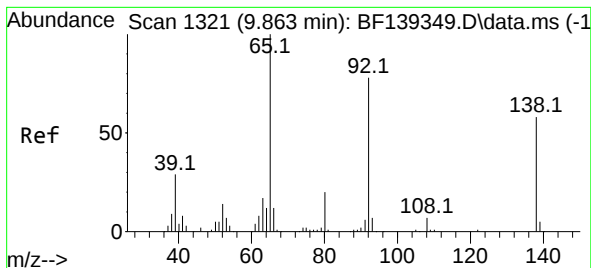
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#52
Acenaphthene
Concen: 47.826 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion:154 Resp: 335188
Ion Ratio Lower Upper
154 100
153 111.7 89.5 134.3
152 52.3 42.6 64.0





#53
3-Nitroaniline
Concen: 40.395 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

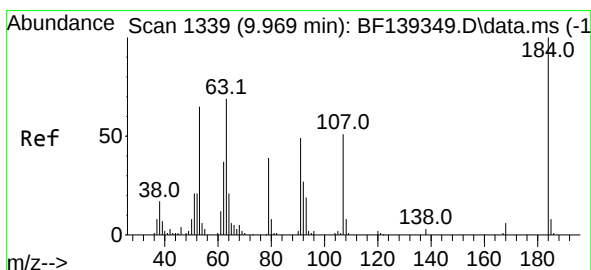
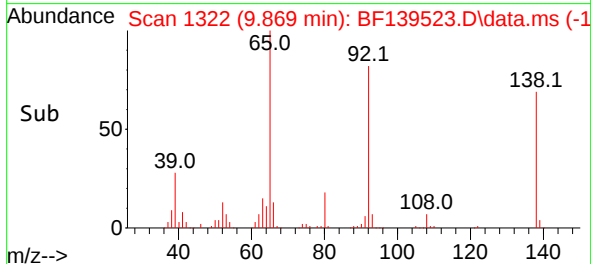
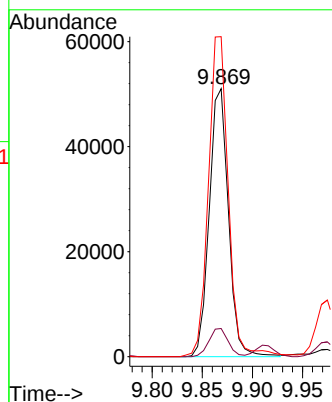
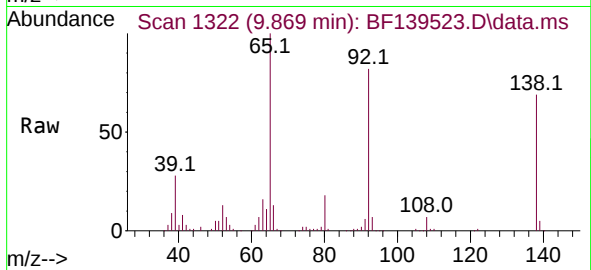
COMP-8MS

Tgt Ion:138 Resp: 68074
Ion Ratio Lower Upper
138 100
108 10.5 9.8 14.8
92 119.4 107.4 161.2

Manual Integrations

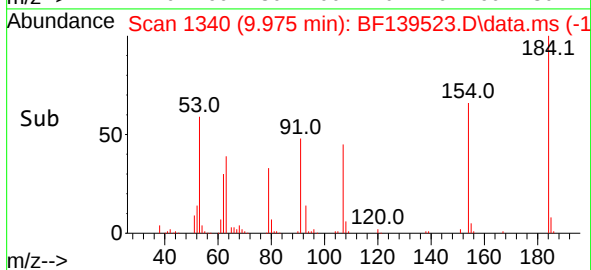
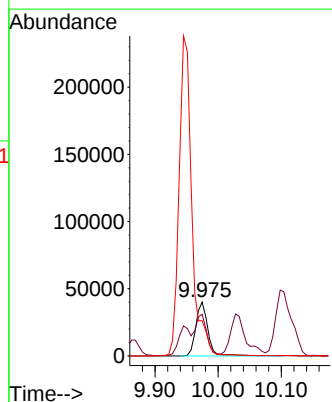
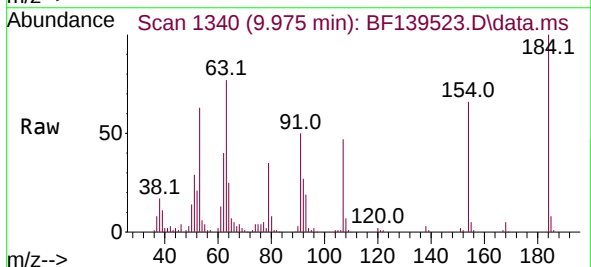
APPROVED

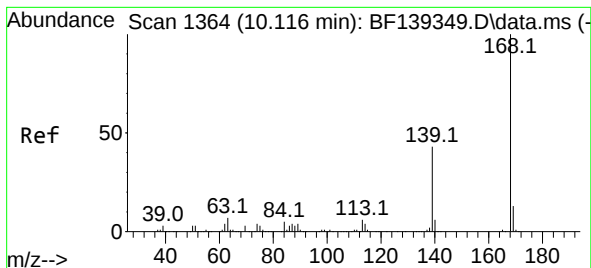
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#54
2,4-Dinitrophenol
Concen: 56.692 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion:184 Resp: 53268
Ion Ratio Lower Upper
184 100
63 77.4 69.3 103.9
154 65.8 67.5 101.3#





#55

Dibenzofuran

Concen: 46.841 ng

RT: 10.122 min Scan# 1364

Delta R.T. 0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

Tgt Ion:168 Resp: 45756

Ion Ratio Lower Upper

168 100

139 38.8 34.1 51.1

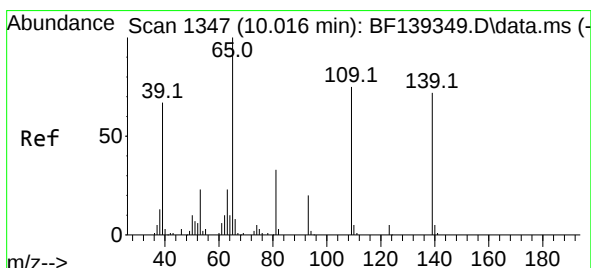
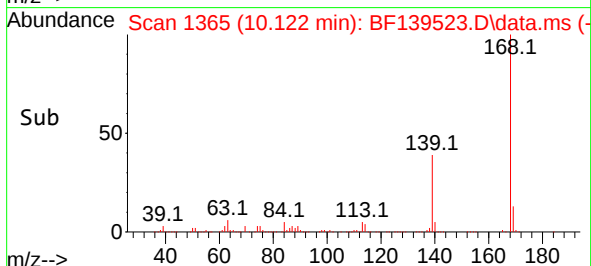
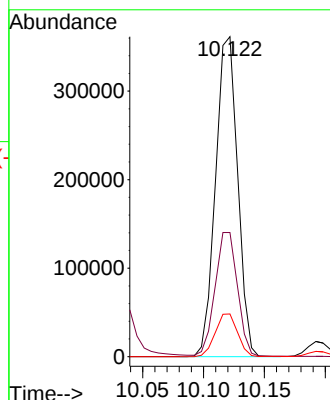
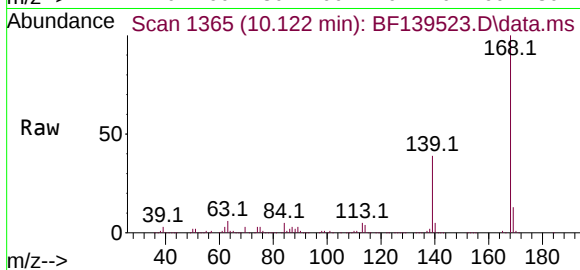
169 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#56

4-Nitrophenol

Concen: 89.695 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

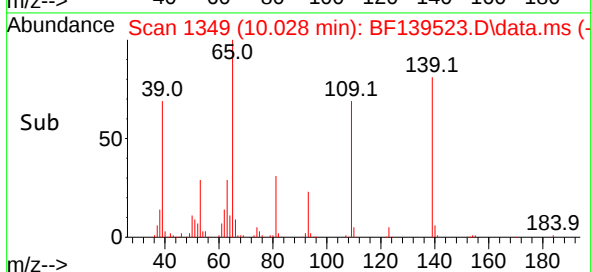
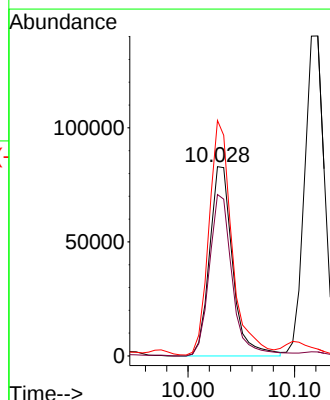
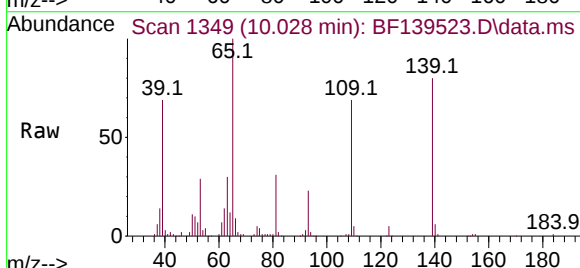
Tgt Ion:139 Resp: 125072

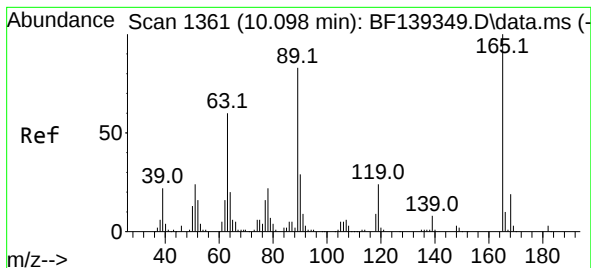
Ion Ratio Lower Upper

139 100

109 85.3 84.1 124.1

65 124.4 120.0 160.0





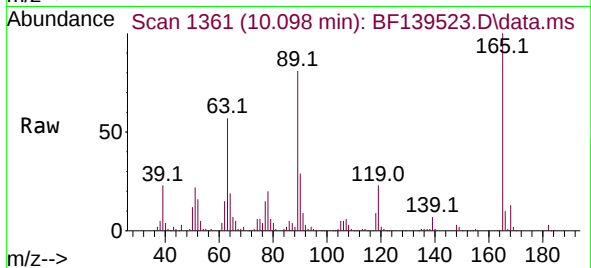
#57
2,4-Dinitrotoluene
Concen: 48.574 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

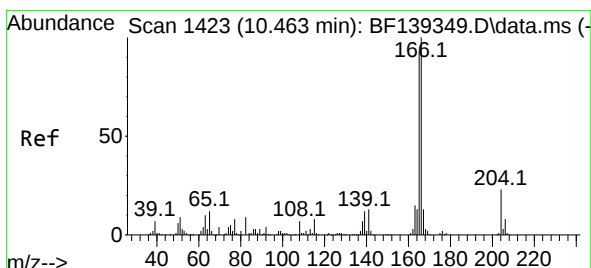
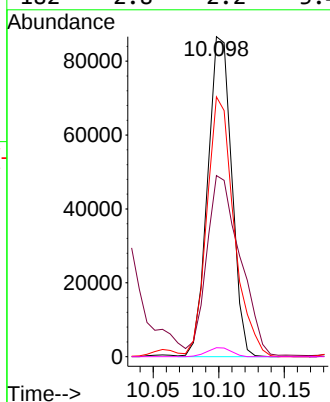
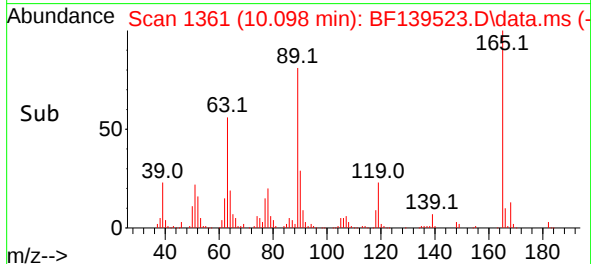


Tgt Ion:165 Resp: 11058
Ion Ratio Lower Upper
165 100
63 56.6 47.8 71.6
89 81.2 66.7 100.1
182 2.8 2.2 3.4

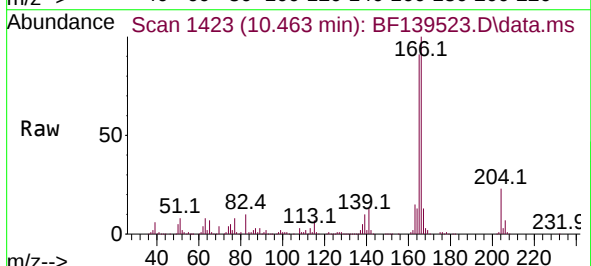
Manual Integrations

APPROVED

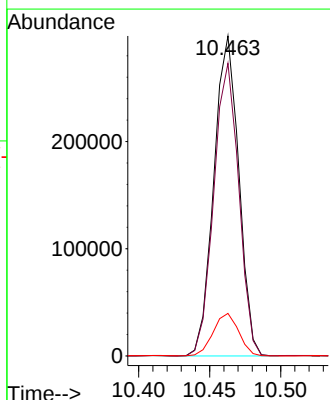
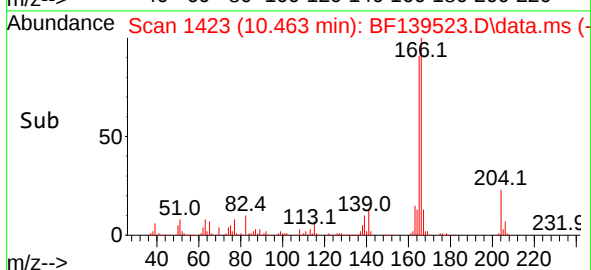
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#58
Fluorene
Concen: 45.767 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



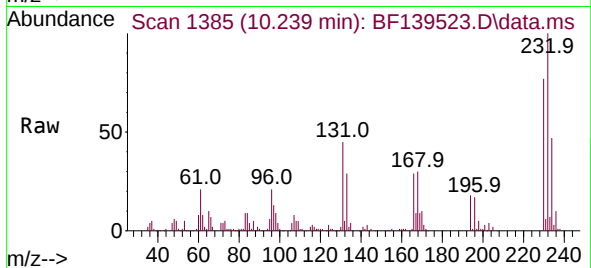
Tgt Ion:166 Resp: 364769
Ion Ratio Lower Upper
166 100
165 91.4 74.5 111.7
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.934 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

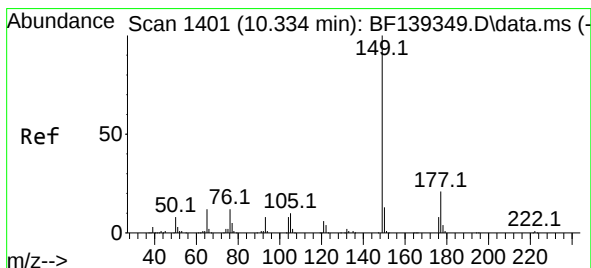
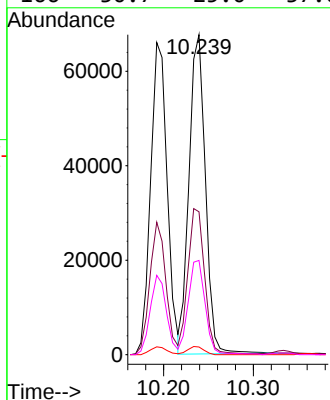
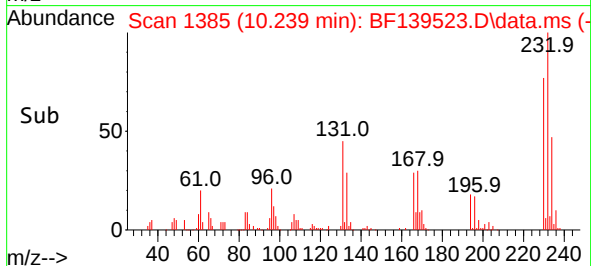
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



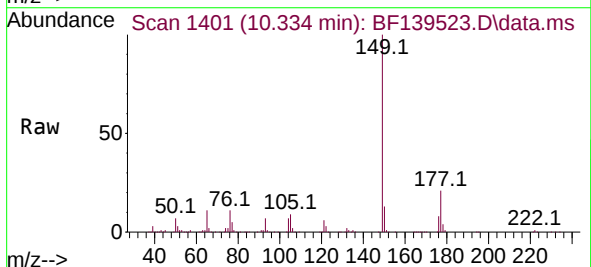
Tgt Ion:232 Resp: 85729
Ion Ratio Lower Upper
232 100
131 47.2 40.7 61.1
130 2.5 2.2 3.2
166 30.7 25.0 37.6

Manual Integrations
APPROVED

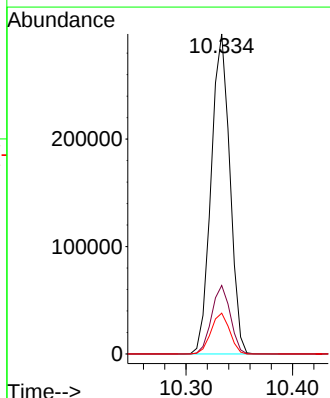
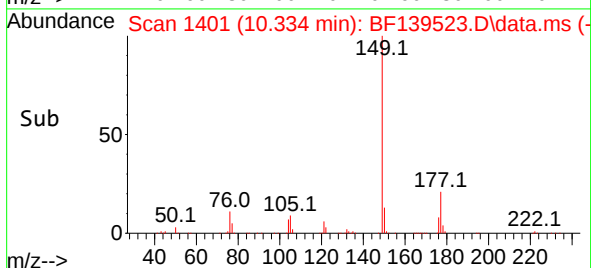
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

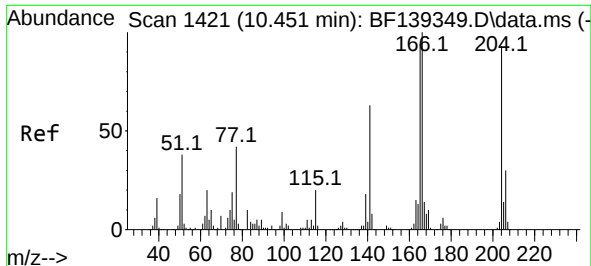


#60
Diethylphthalate
Concen: 46.248 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



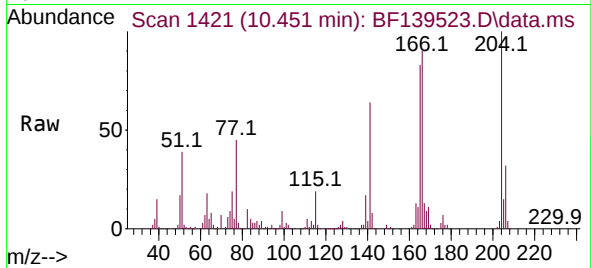
Tgt Ion:149 Resp: 363279
Ion Ratio Lower Upper
149 100
177 21.4 16.6 24.8
150 12.7 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 44.800 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

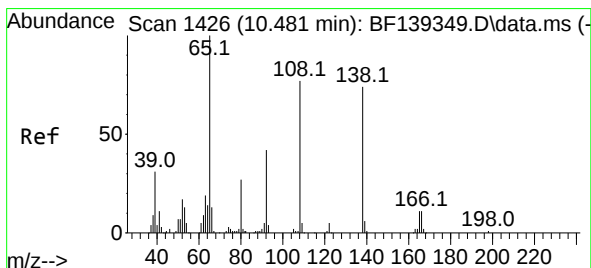
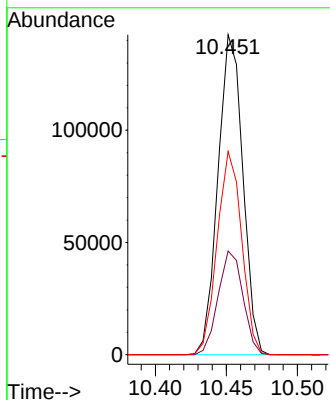
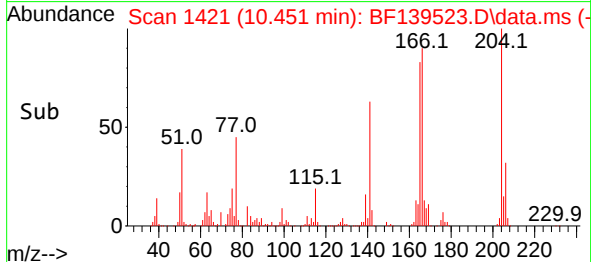
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



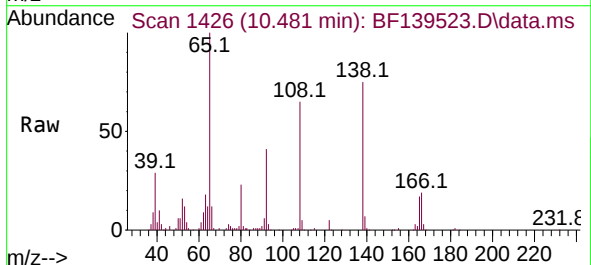
Tgt Ion:204 Resp: 17353
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 63.5 53.9 80.9

Manual Integrations
APPROVED

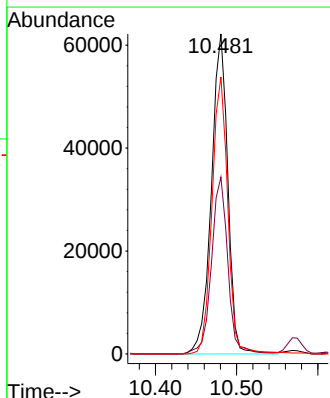
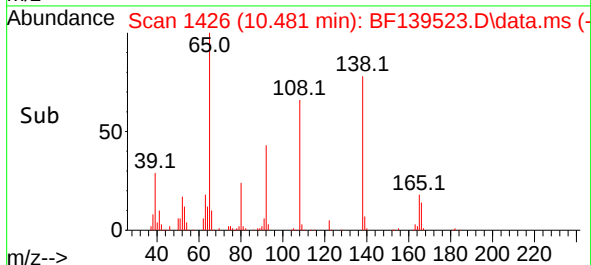
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

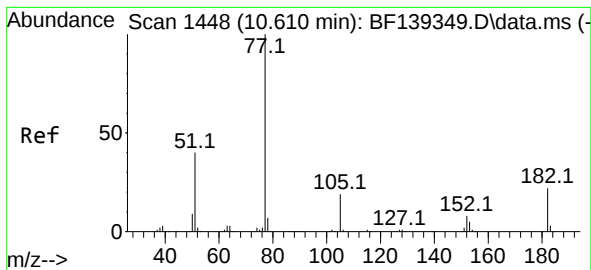


#62
4-Nitroaniline
Concen: 47.634 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



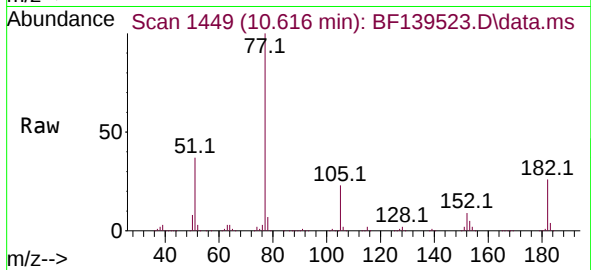
Tgt Ion:138 Resp: 87608
Ion Ratio Lower Upper
138 100
92 55.2 37.0 77.0
108 86.6 84.4 124.4





#63
Azobenzene
Concen: 50.922 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

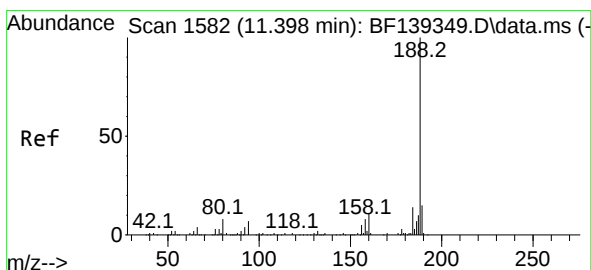
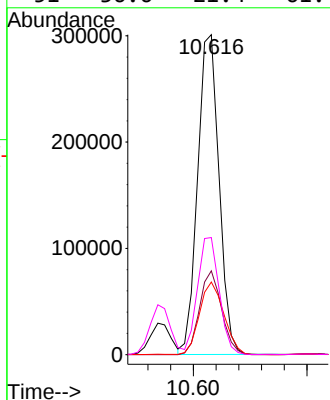
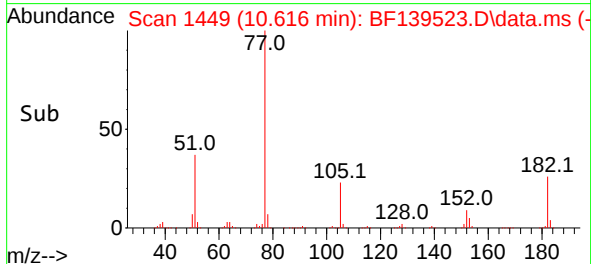
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



Tgt Ion: 77 Resp: 393418
Ion Ratio Lower Upper
77 100
182 26.2 1.8 41.8
105 22.7 0.0 38.6
51 36.6 21.4 61.4

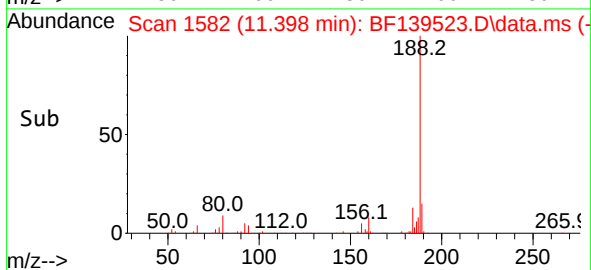
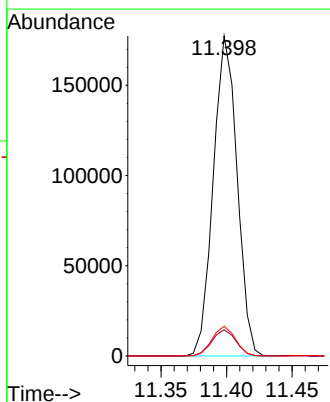
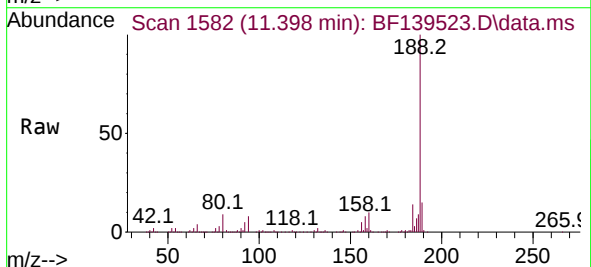
Manual Integrations
APPROVED

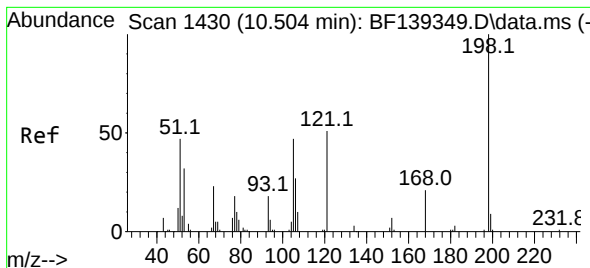
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion:188 Resp: 223568
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 9.2 6.6 9.8





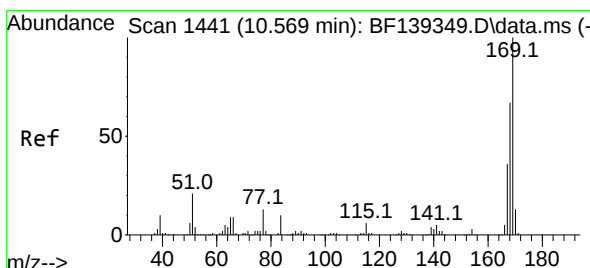
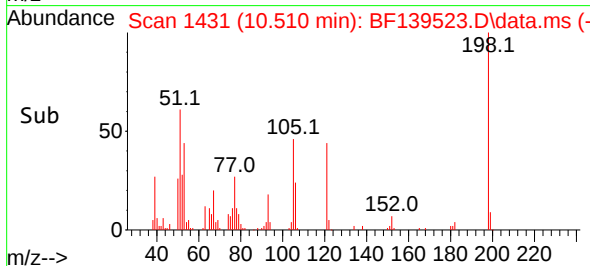
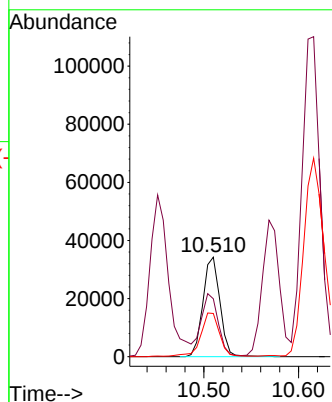
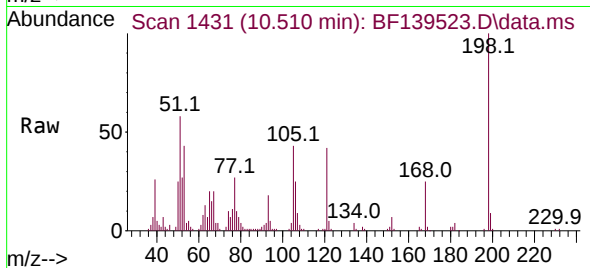
#65
4,6-Dinitro-2-methylphenol
Concen: 36.285 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :
BNA_F
ClientSampleId :
COMP-8MS

Tgt Ion:198 Resp: 42815
Ion Ratio Lower Upper
198 100
51 58.2 50.4 90.4
105 43.5 28.3 68.3

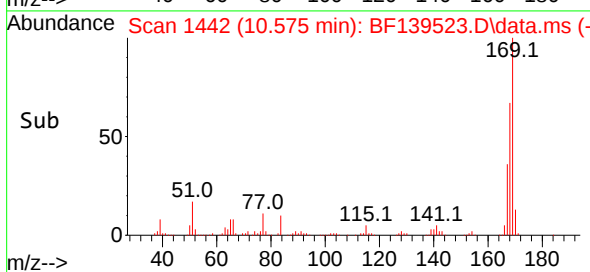
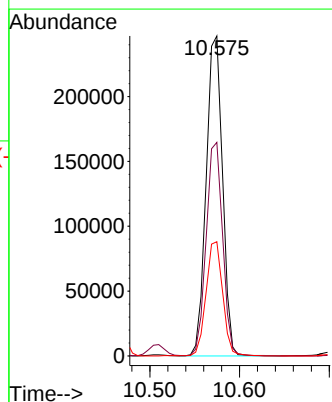
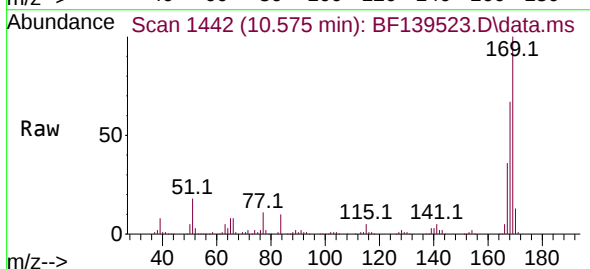
Manual Integrations
APPROVED

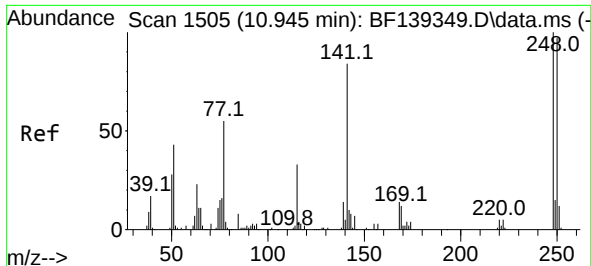
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#66
n-Nitrosodiphenylamine
Concen: 47.827 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

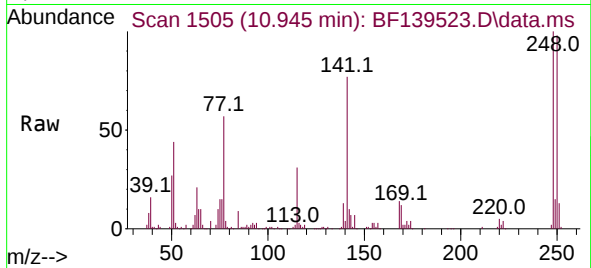
Tgt Ion:169 Resp: 312615
Ion Ratio Lower Upper
169 100
168 66.7 53.6 80.4
167 35.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.122 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

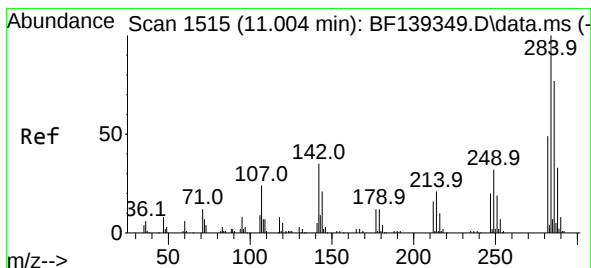
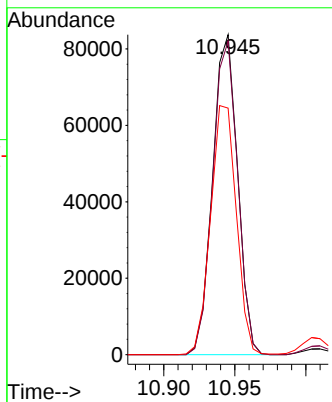
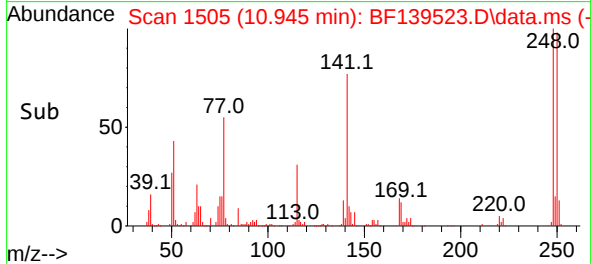
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



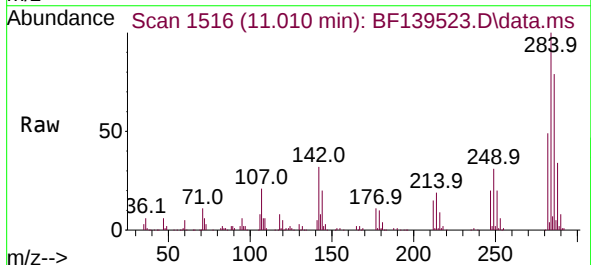
Tgt Ion:248 Resp: 10218
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 77.1 66.9 100.3

Manual Integrations
APPROVED

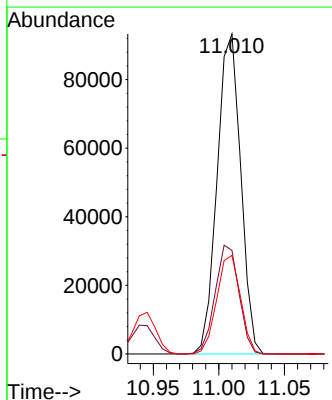
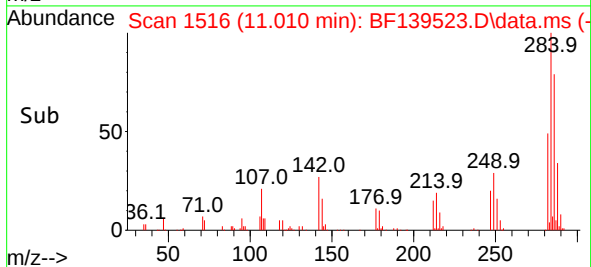
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#68
Hexachlorobenzene
Concen: 44.840 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



Tgt Ion:284 Resp: 116592
Ion Ratio Lower Upper
284 100
142 32.4 28.0 42.0
249 30.8 25.3 37.9





#69

Atrazine

Concen: 62.994 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

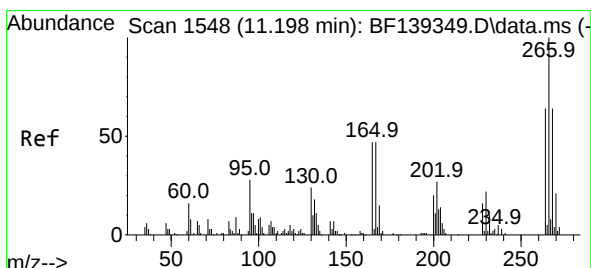
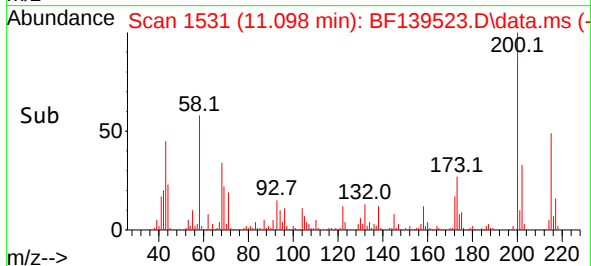
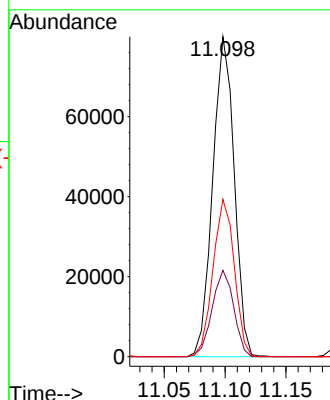
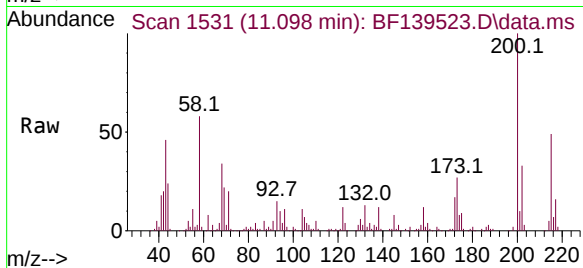
Tgt Ion:	200	Resp:	9802
Ion Ratio	Lower	Upper	
200	100		
173	27.0	6.1	46.1
215	49.2	28.2	68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#70

Pentachlorophenol

Concen: 66.862 ng

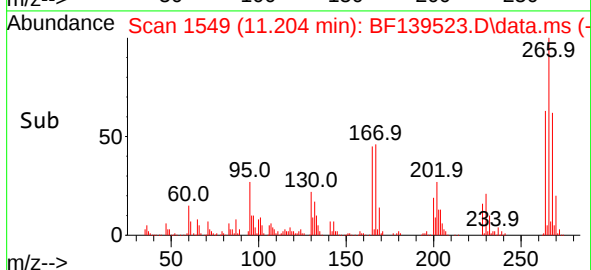
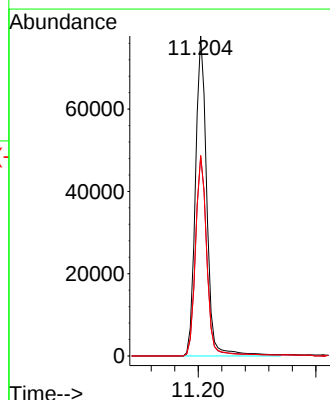
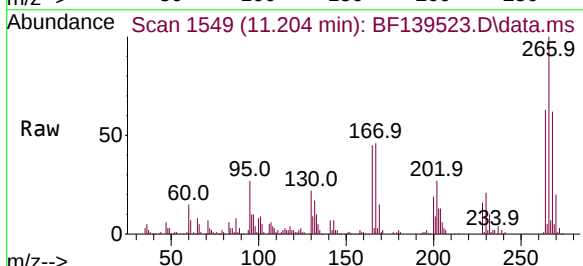
RT: 11.204 min Scan# 1549

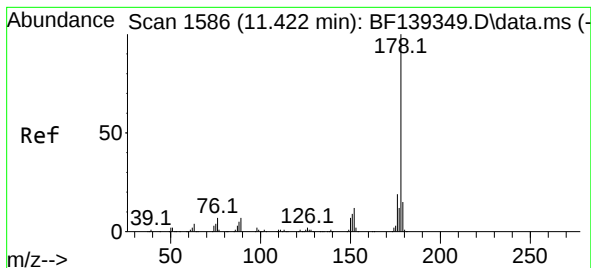
Delta R.T. 0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Tgt Ion:	266	Resp:	104318
Ion Ratio	Lower	Upper	
266	100		
268	62.4	51.1	76.7
264	62.7	51.4	77.0





#71

Phenanthrene

Concen: 49.172 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

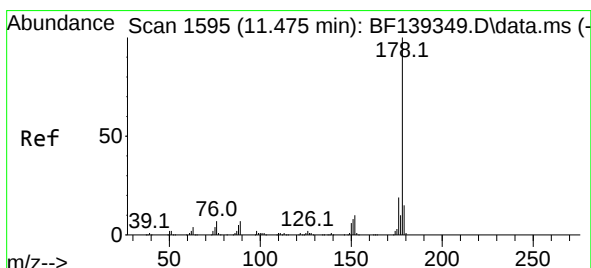
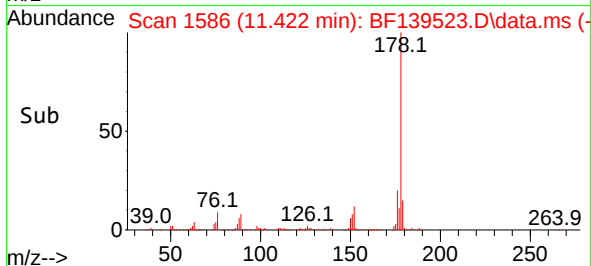
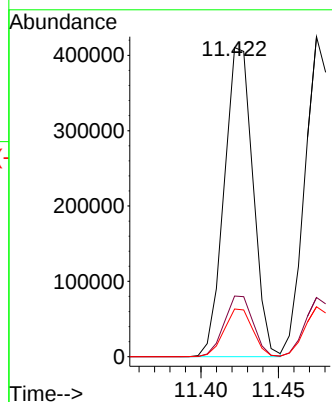
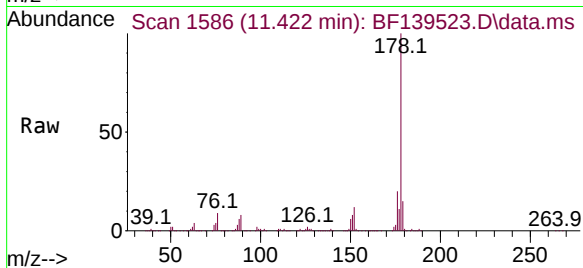
Tgt Ion:178	Resp: 530384
Ion Ratio	Lower Upper
178 100	
176 19.6	15.2 22.8
179 15.4	12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#72

Anthracene

Concen: 50.144 ng

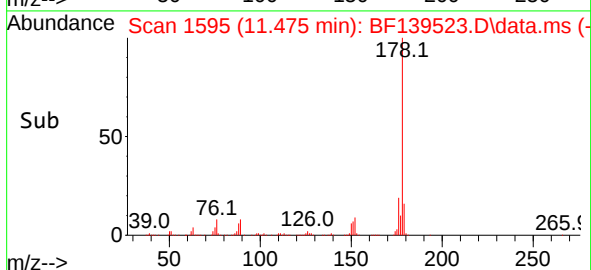
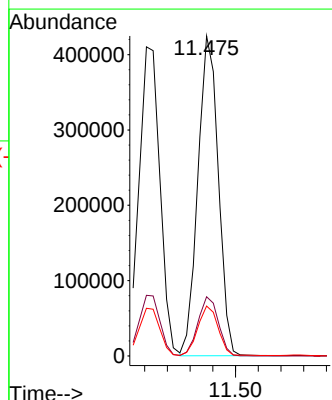
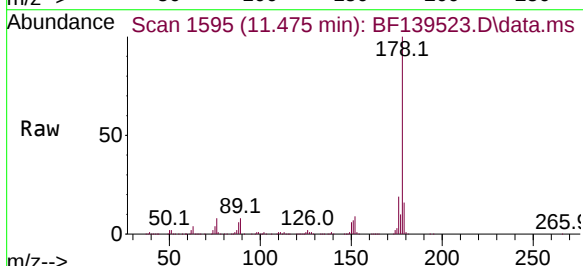
RT: 11.475 min Scan# 1595

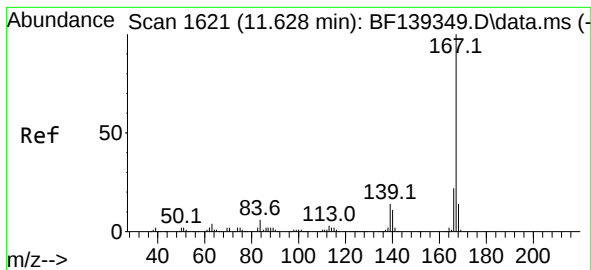
Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Tgt Ion:178	Resp: 528817
Ion Ratio	Lower Upper
178 100	
176 18.5	15.0 22.6
179 15.6	12.0 18.0





#73

Carbazole

Concen: 48.009 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

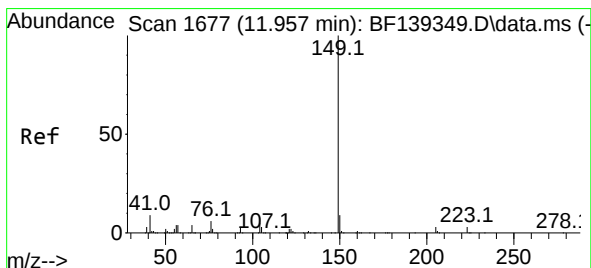
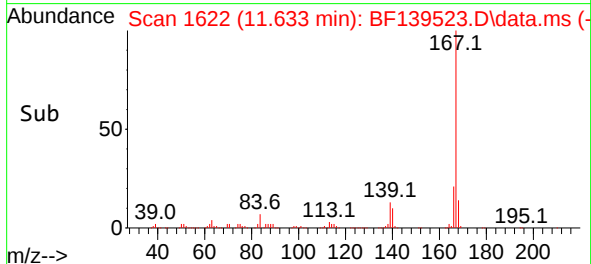
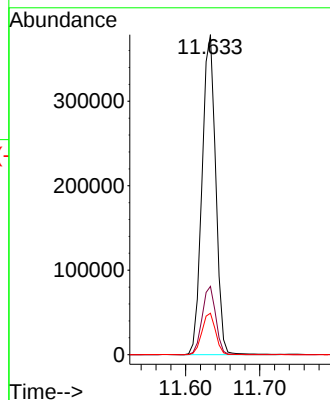
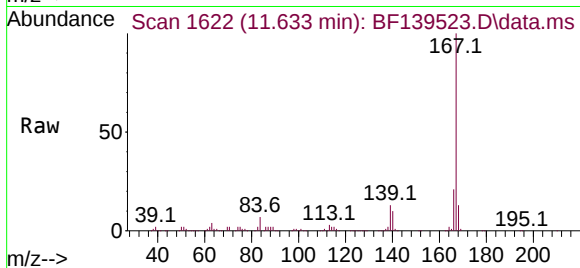
Tgt Ion:	167	Resp:	48457
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.5	26.3
139	12.9	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#74

Di-n-butylphthalate

Concen: 49.562 ng

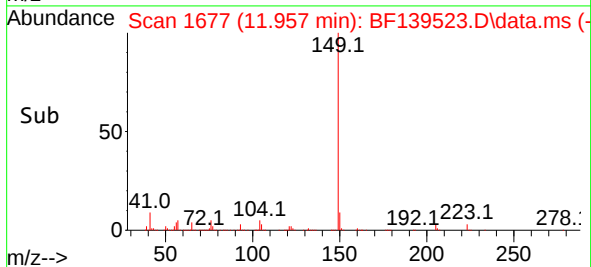
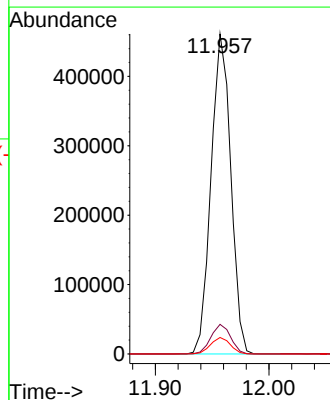
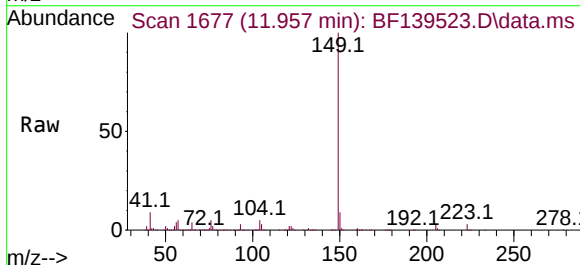
RT: 11.957 min Scan# 1677

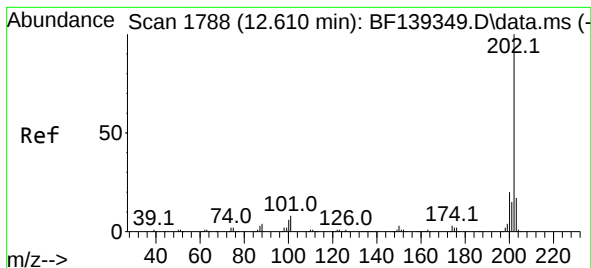
Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

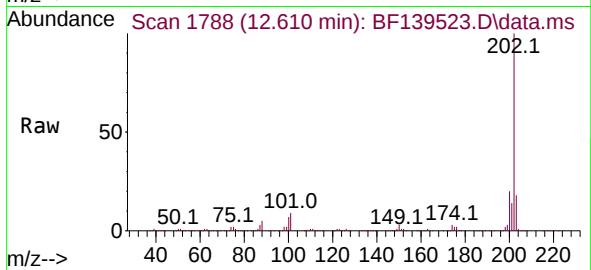
Tgt Ion:	149	Resp:	557269
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.3	10.9
104	5.1	4.3	6.5





#75
Fluoranthene
Concen: 46.163 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

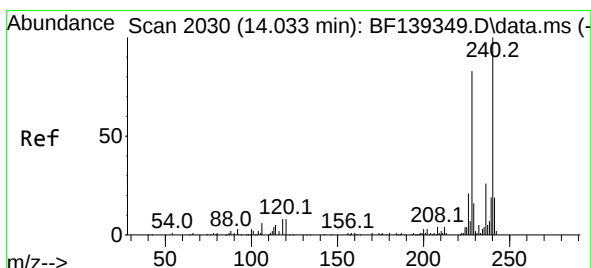
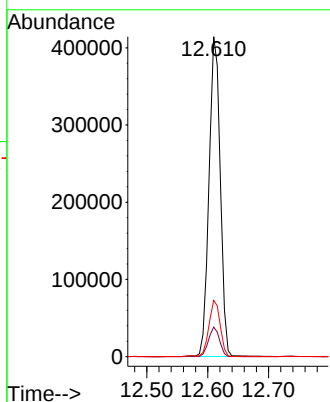
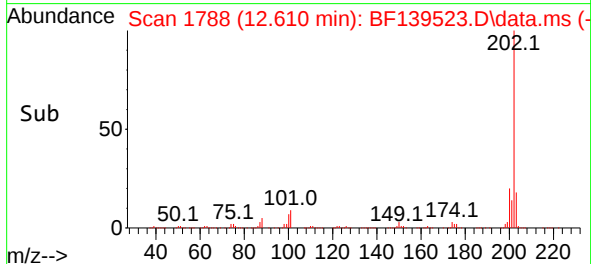
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



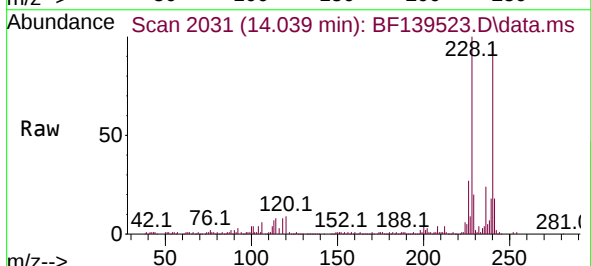
Tgt Ion:202 Resp: 531740
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.7
203 17.6 0.0 37.4

Manual Integrations
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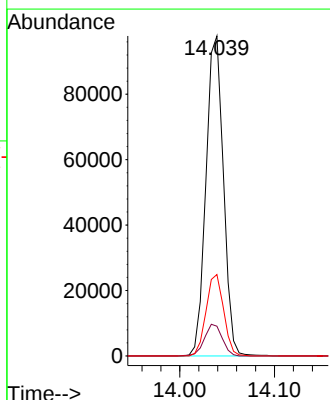
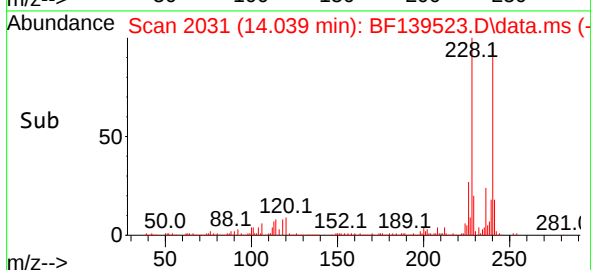
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

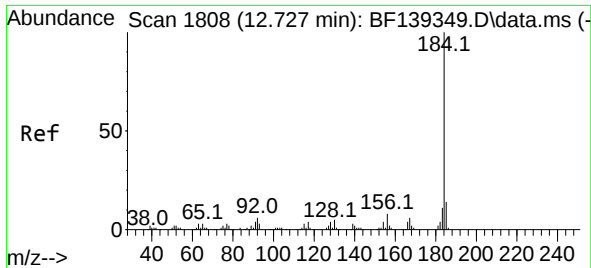


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



Tgt Ion:240 Resp: 124871
Ion Ratio Lower Upper
240 100
120 9.3 6.2 9.2#
236 25.4 20.9 31.3





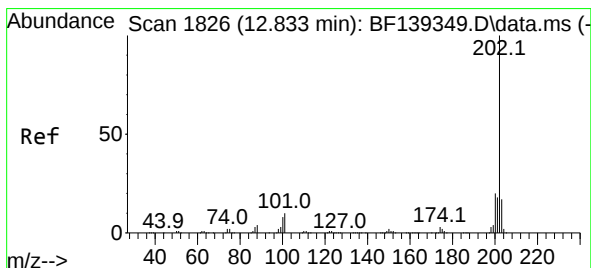
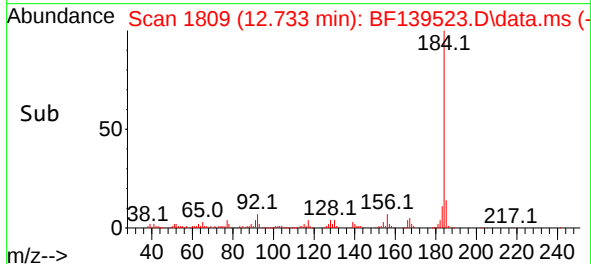
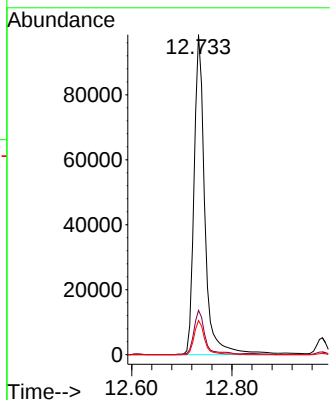
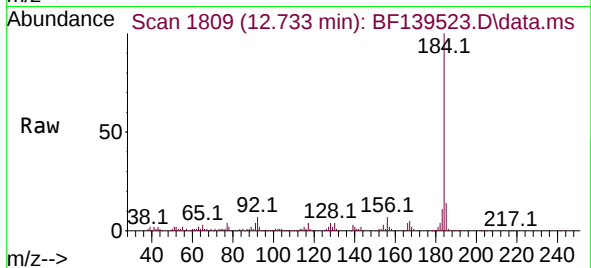
#77
Benzidine
Concen: 82.203 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Instrument :
BNA_F
ClientSampleId :
COMP-8MS

Tgt Ion:184 Resp: 147064
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 10.6 8.9 13.3

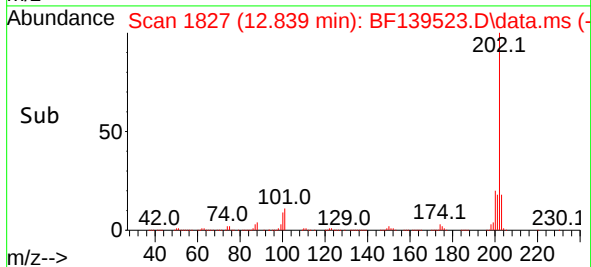
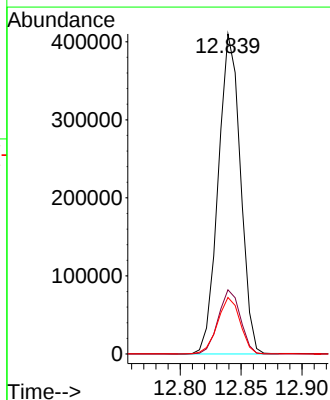
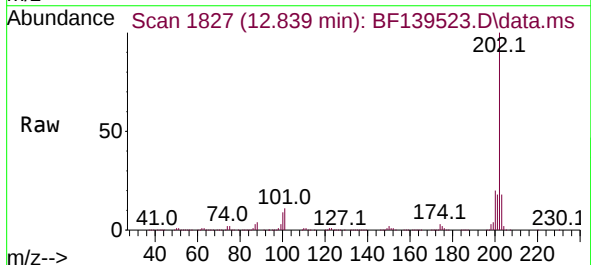
Manual Integrations
APPROVED

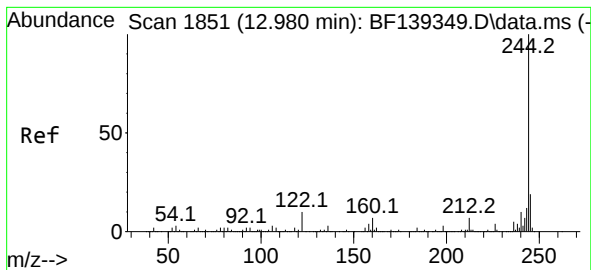
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#78
Pyrene
Concen: 48.536 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

Tgt Ion:202 Resp: 520394
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.7 13.9 20.9





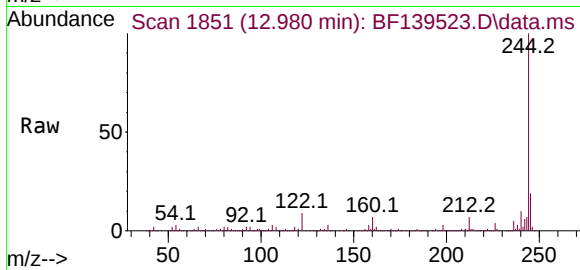
#79
 Terphenyl-d14
 Concen: 58.624 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139523.D
 Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

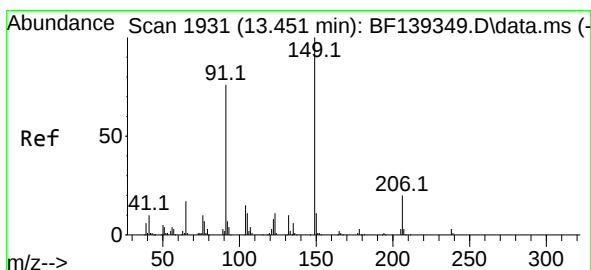
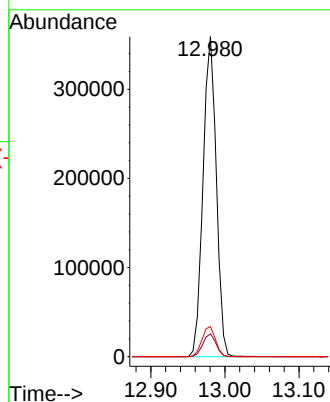
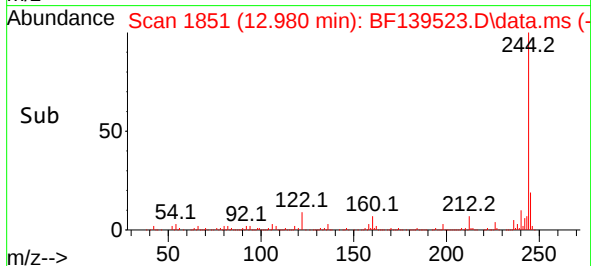


Tgt Ion:244 Resp: 445989
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.4 7.6 11.4

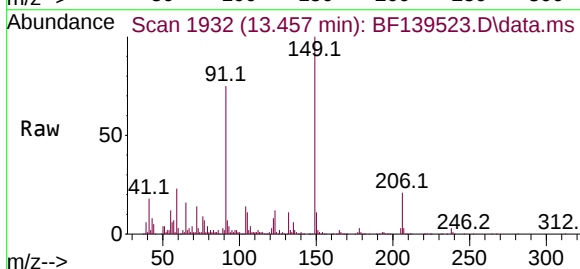
Manual Integrations

APPROVED

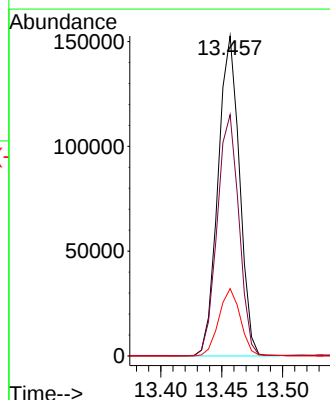
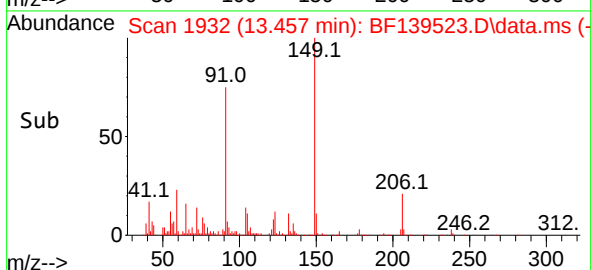
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

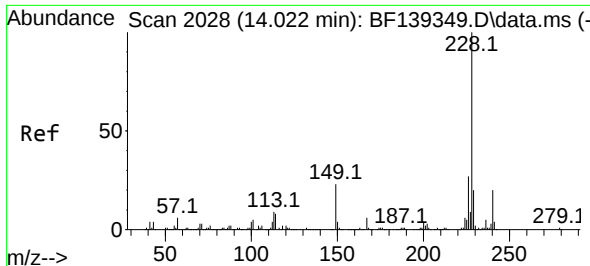


#80
 Butylbenzylphthalate
 Concen: 51.356 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139523.D
 Acq: 24 Sep 2024 16:38



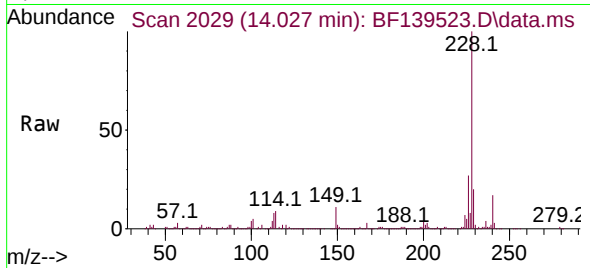
Tgt Ion:149 Resp: 187425
 Ion Ratio Lower Upper
 149 100
 91 75.4 60.9 91.3
 206 21.1 15.8 23.8





#81
Benzo(a)anthracene
Concen: 49.043 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

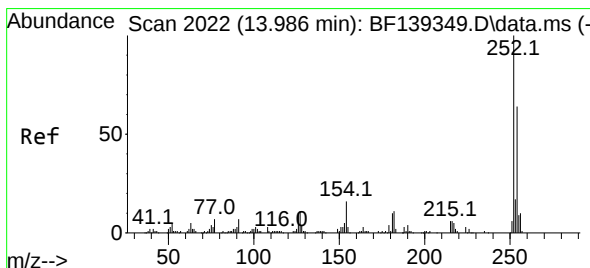
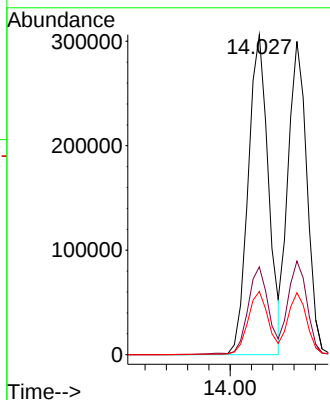
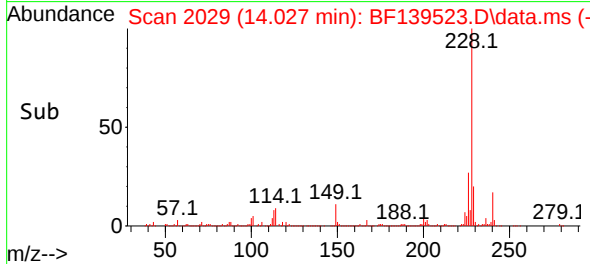
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



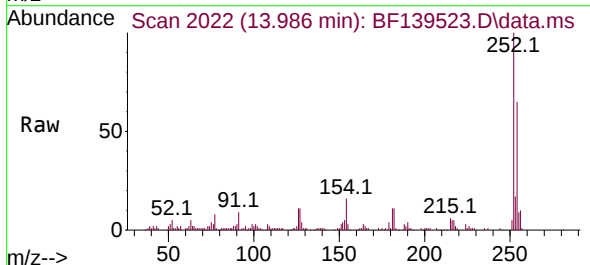
Tgt Ion:228 Resp: 40565
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 19.8 15.7 23.5

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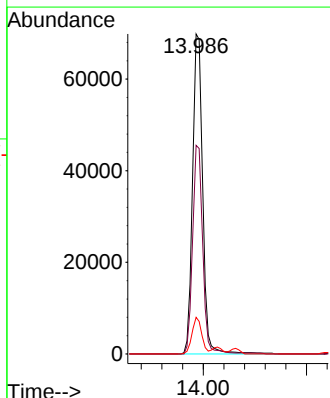
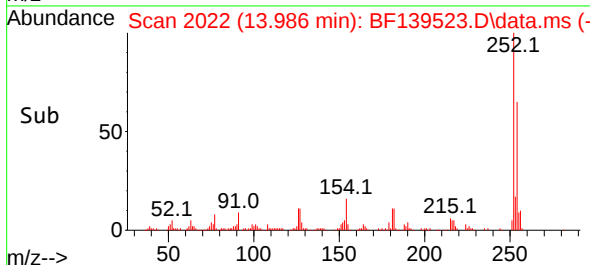
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

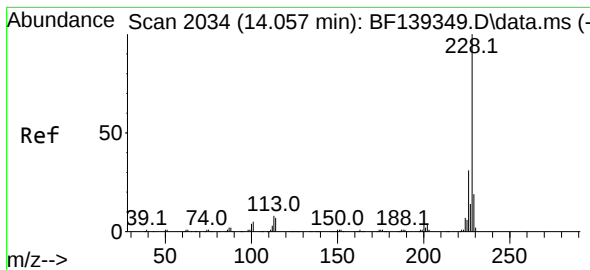


#82
3,3'-Dichlorobenzidine
Concen: 39.268 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



Tgt Ion:252 Resp: 95119
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.2
126 11.4 7.7 11.5





#83

Chrysene

Concen: 48.333 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

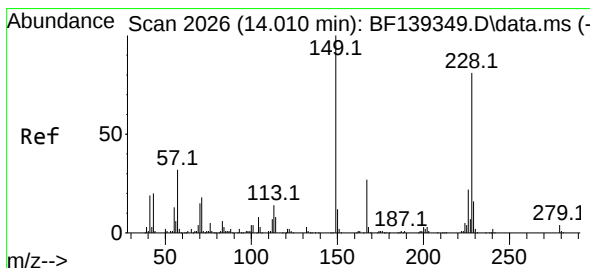
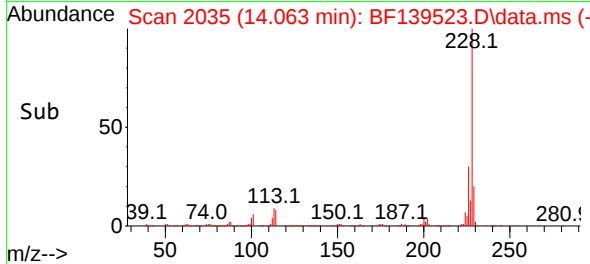
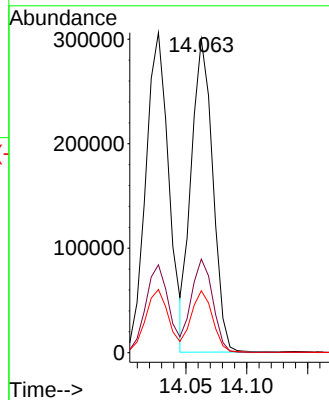
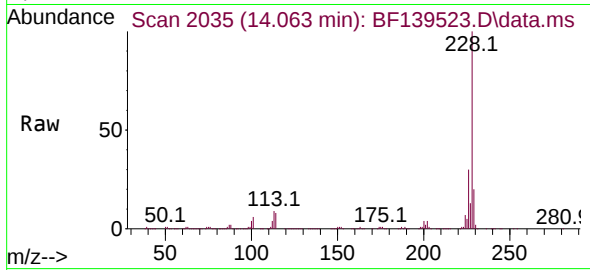
Tgt Ion:228	Resp: 36780
Ion Ratio	Lower Upper
228 100	
226 29.9	24.1 36.1
229 19.8	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.856 ng

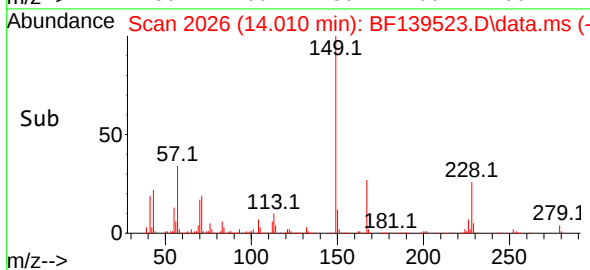
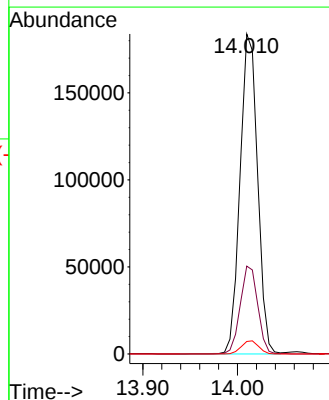
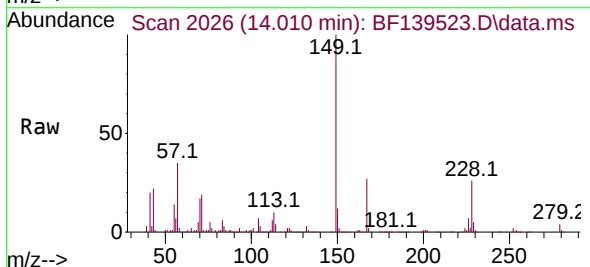
RT: 14.010 min Scan# 2026

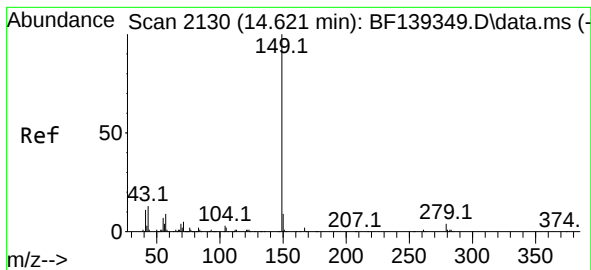
Delta R.T. -0.000 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Tgt Ion:149	Resp: 236108
Ion Ratio	Lower Upper
149 100	
167 27.4	21.6 32.4
279 3.9	3.3 4.9





#85

Di-n-octyl phthalate

Concen: 56.755 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

Tgt Ion:149 Resp: 388049

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

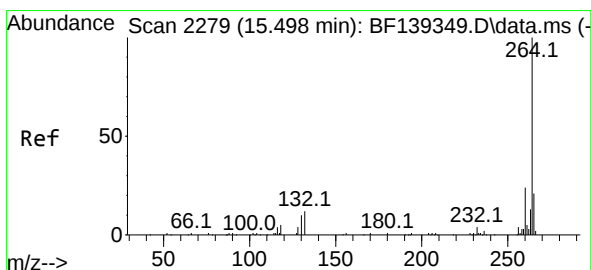
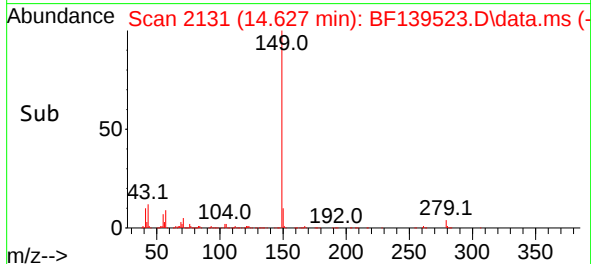
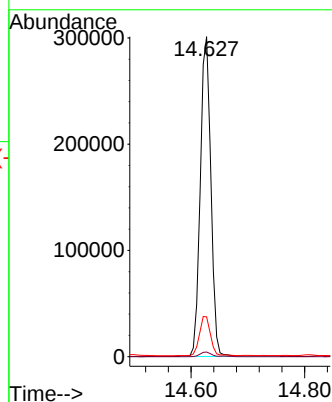
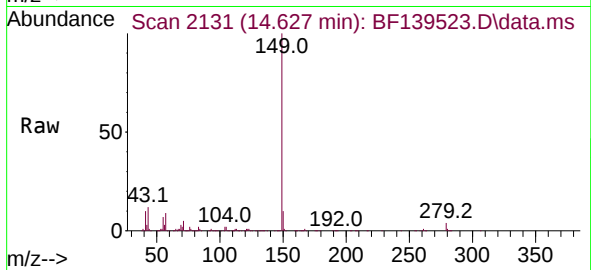
43 12.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

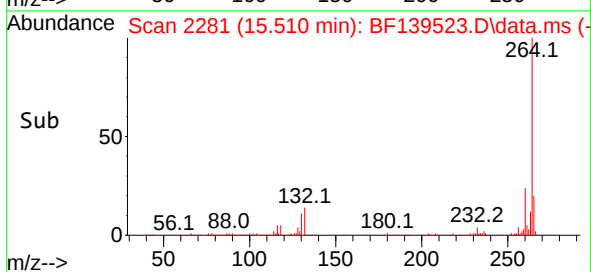
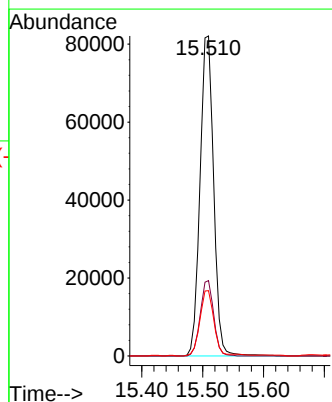
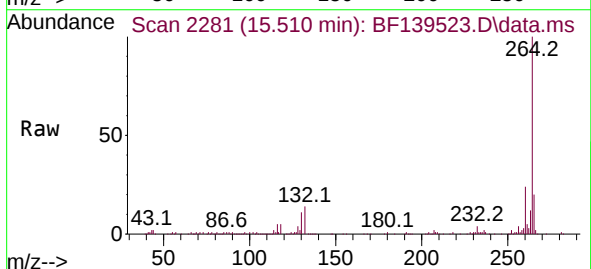
Tgt Ion:264 Resp: 127847

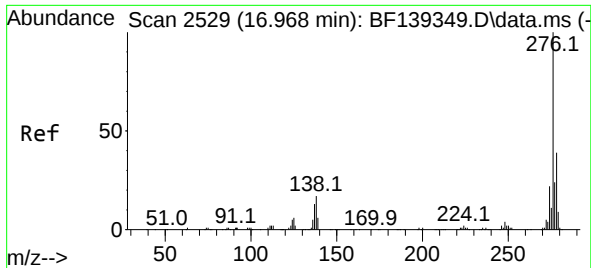
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

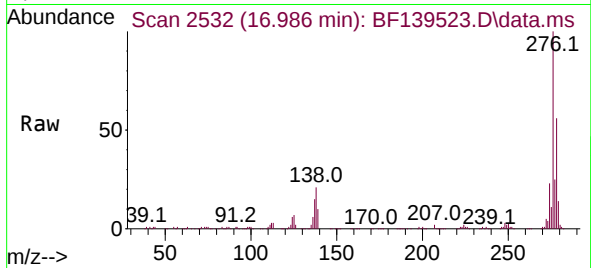
265 20.4 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.060 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

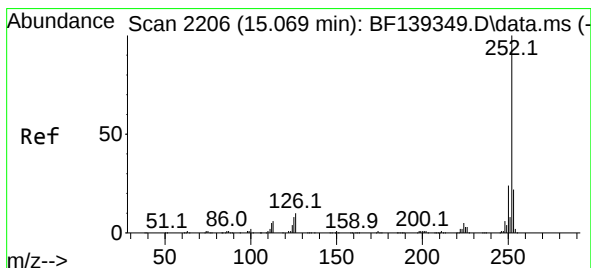
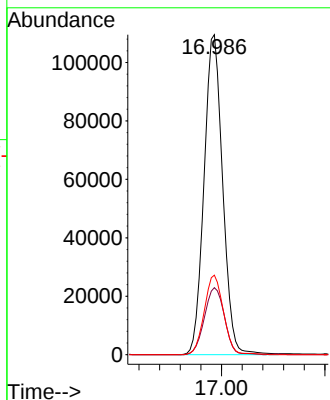
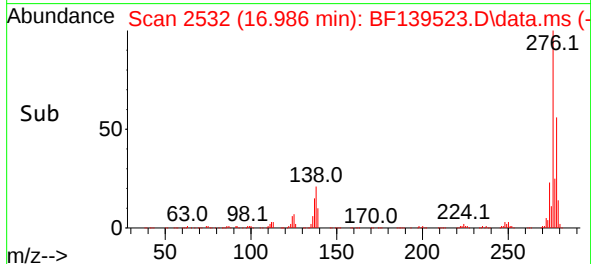
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



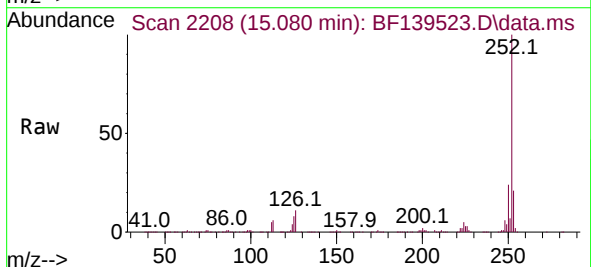
Tgt Ion:276 Resp: 27413
Ion Ratio Lower Upper
276 100
138 22.5 15.4 23.2
277 25.6 20.4 30.6

Manual Integrations
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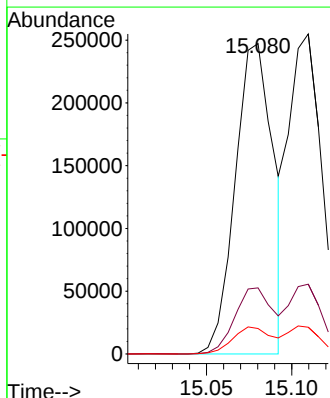
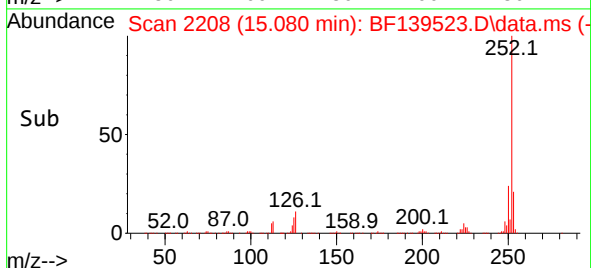
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

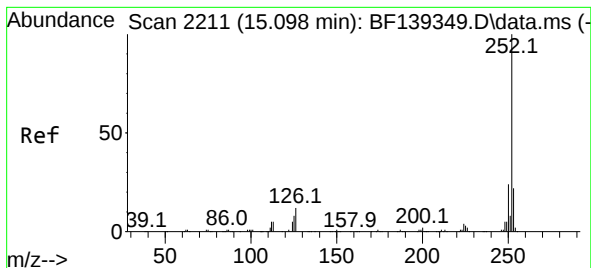


#88
Benzo(b)fluoranthene
Concen: 48.688 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



Tgt Ion:252 Resp: 383892
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 8.2 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 46.867 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

Instrument :

BNA_F

ClientSampleId :

COMP-8MS

Tgt Ion:252 Resp: 34072

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

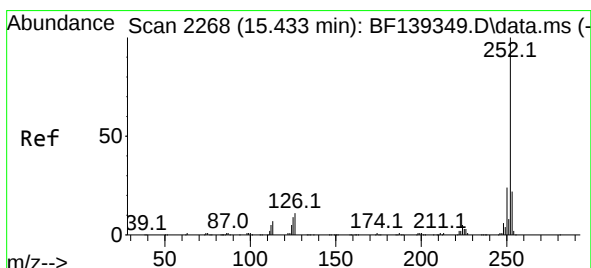
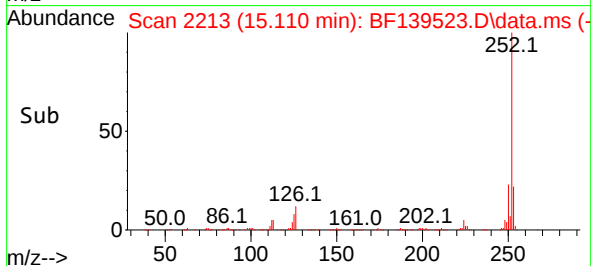
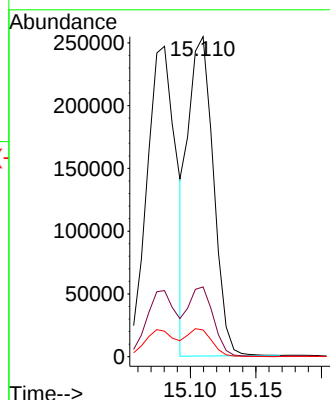
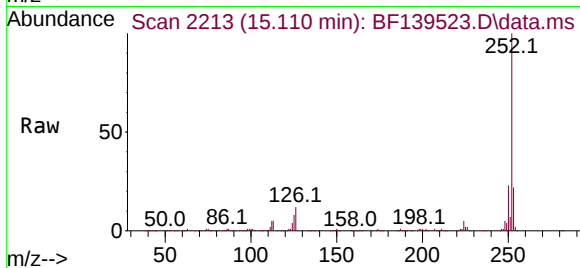
125 8.4 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#90

Benzo(a)pyrene

Concen: 50.798 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139523.D

Acq: 24 Sep 2024 16:38

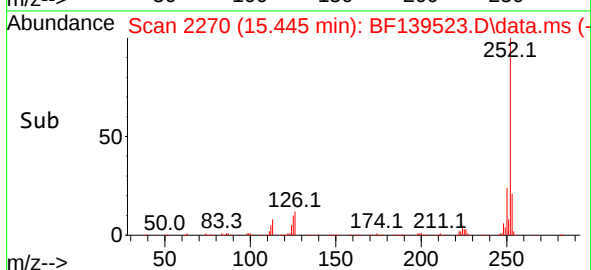
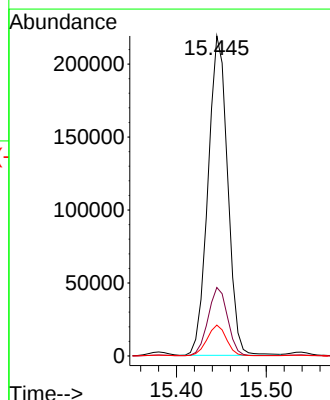
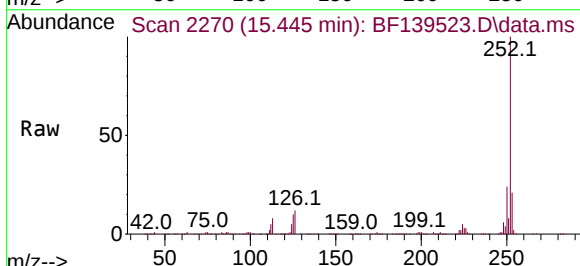
Tgt Ion:252 Resp: 332178

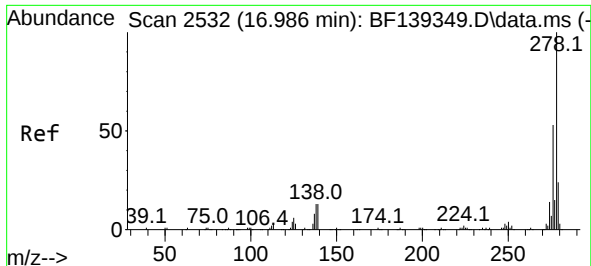
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

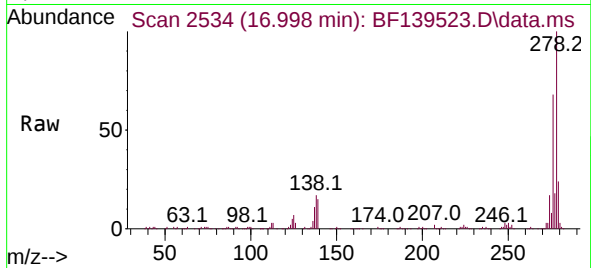
125 9.6 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 35.929 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38

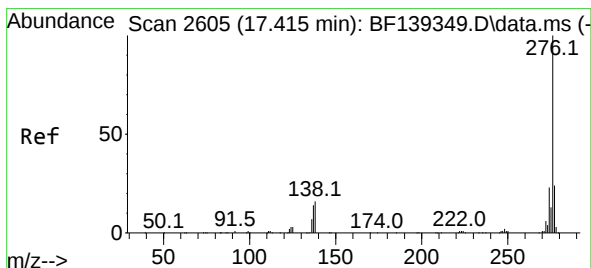
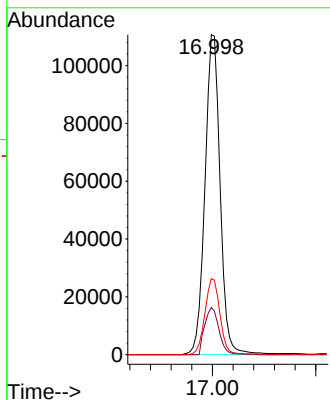
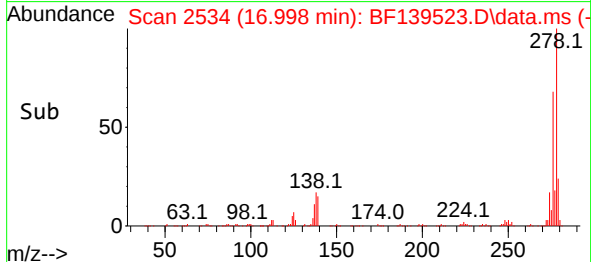
Instrument :
BNA_F
ClientSampleId :
COMP-8MS



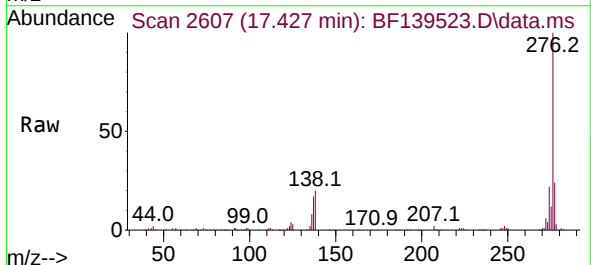
Tgt Ion:278 Resp: 225702
Ion Ratio Lower Upper
278 100
139 14.7 10.2 15.2
279 23.8 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#92
Benzo(g,h,i)perylene
Concen: 30.706 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139523.D
Acq: 24 Sep 2024 16:38



Tgt Ion:276 Resp: 190987
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 19.8 13.0 19.6#

